



REPORT : SUPPLEMENTARY FIGURES

CHANGING DIRECTIONS

Steering science, technology and innovation
towards the Sustainable Development Goals

Supplementary Figures 1: A global map of science

1.1 Countries' research capabilities and sustainable research

Figure 1: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG1 (2015-19)

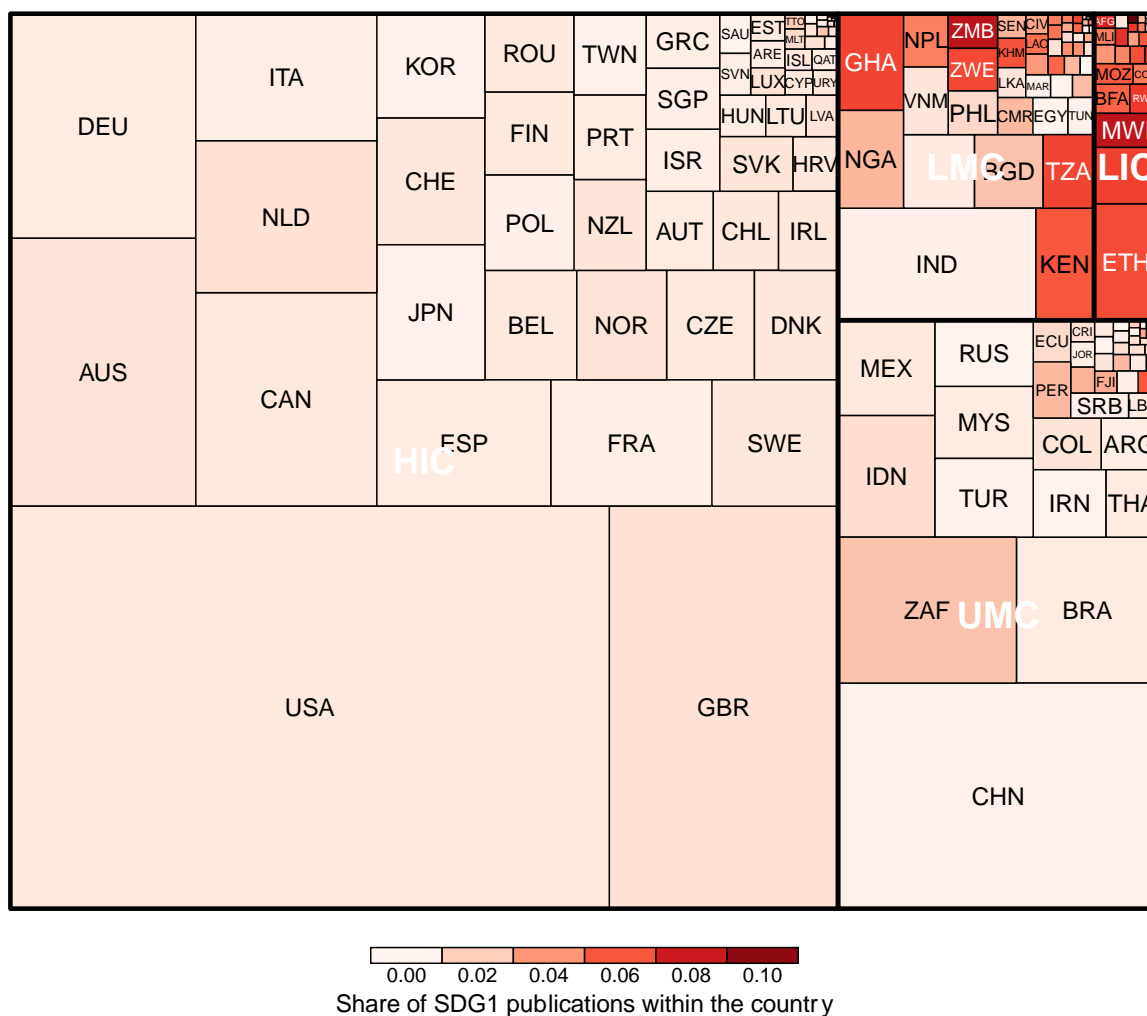
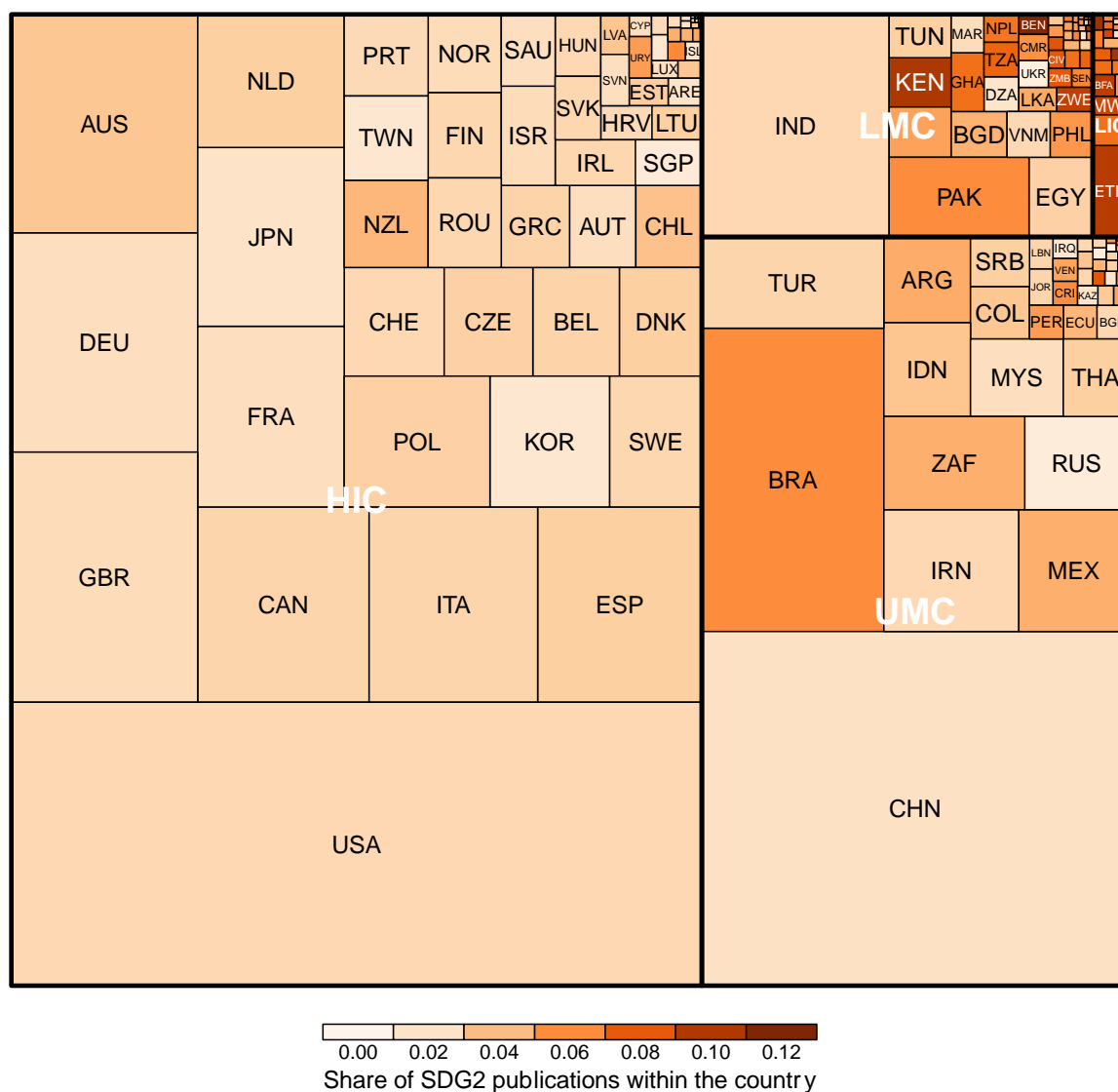
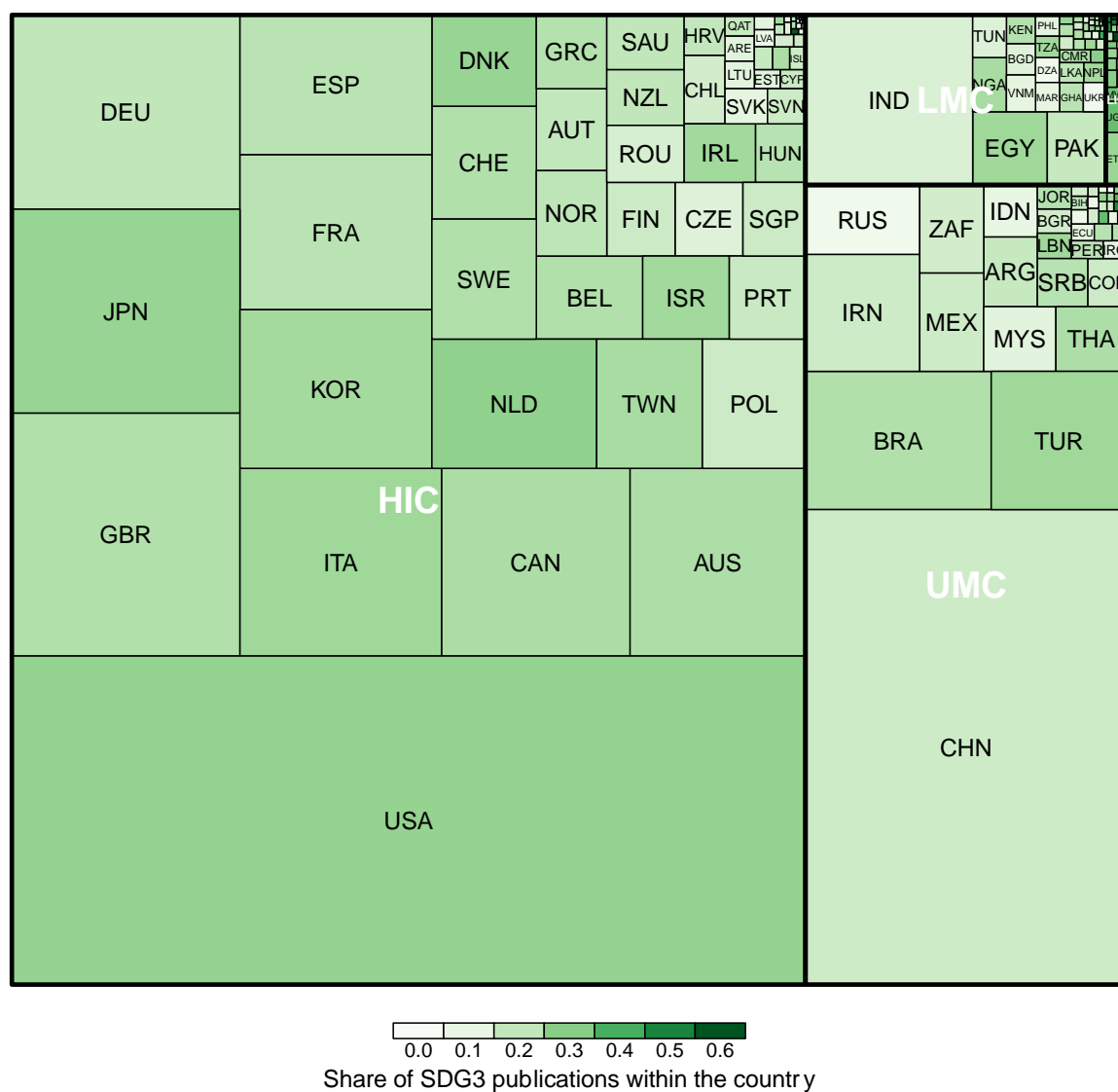


Figure 2: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG2 (2015-19)



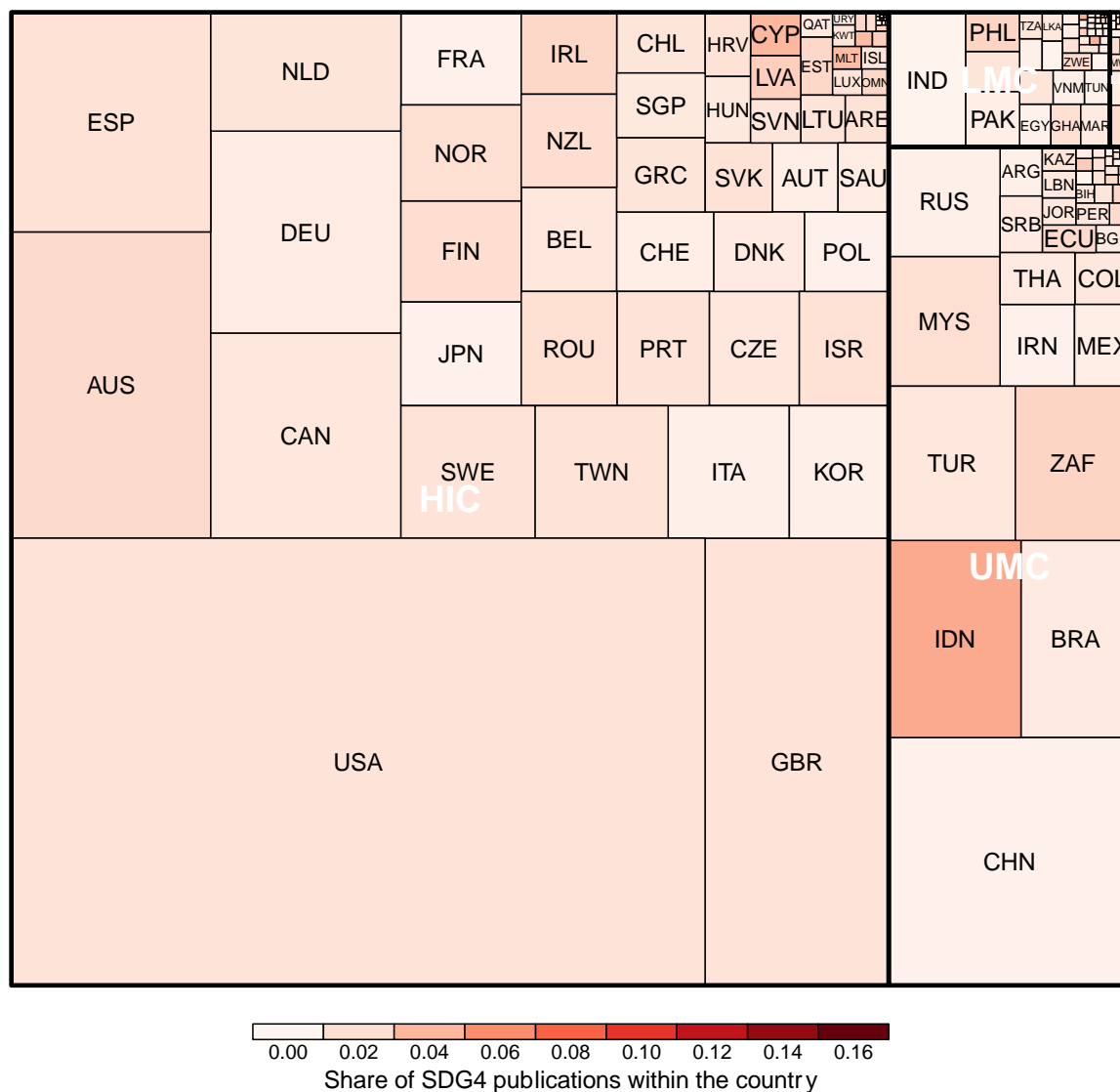
Notes: total SDG2-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 3: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG3 (2015-19)



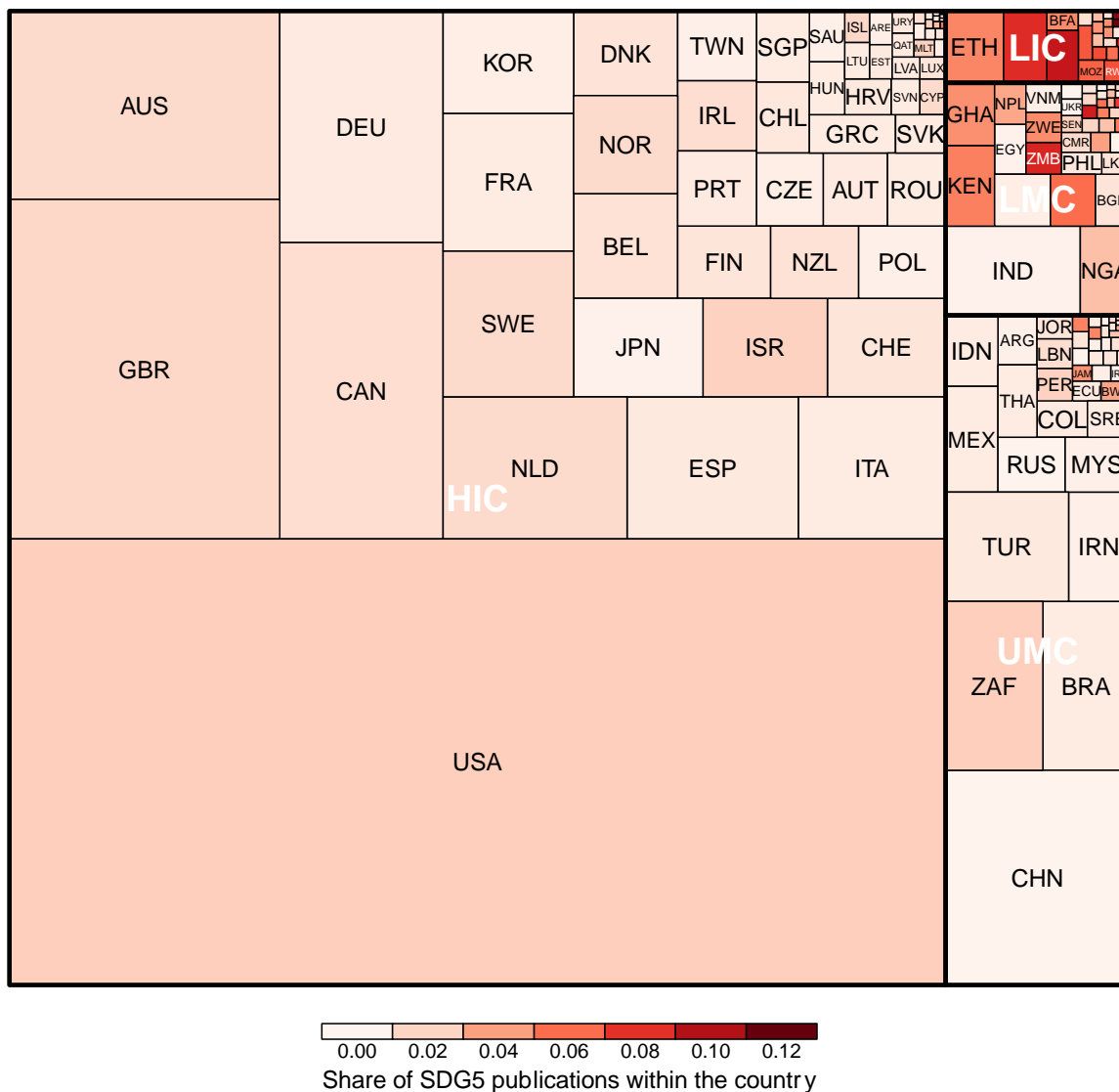
Notes: total SDG3-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 4: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG4 (2015-19)



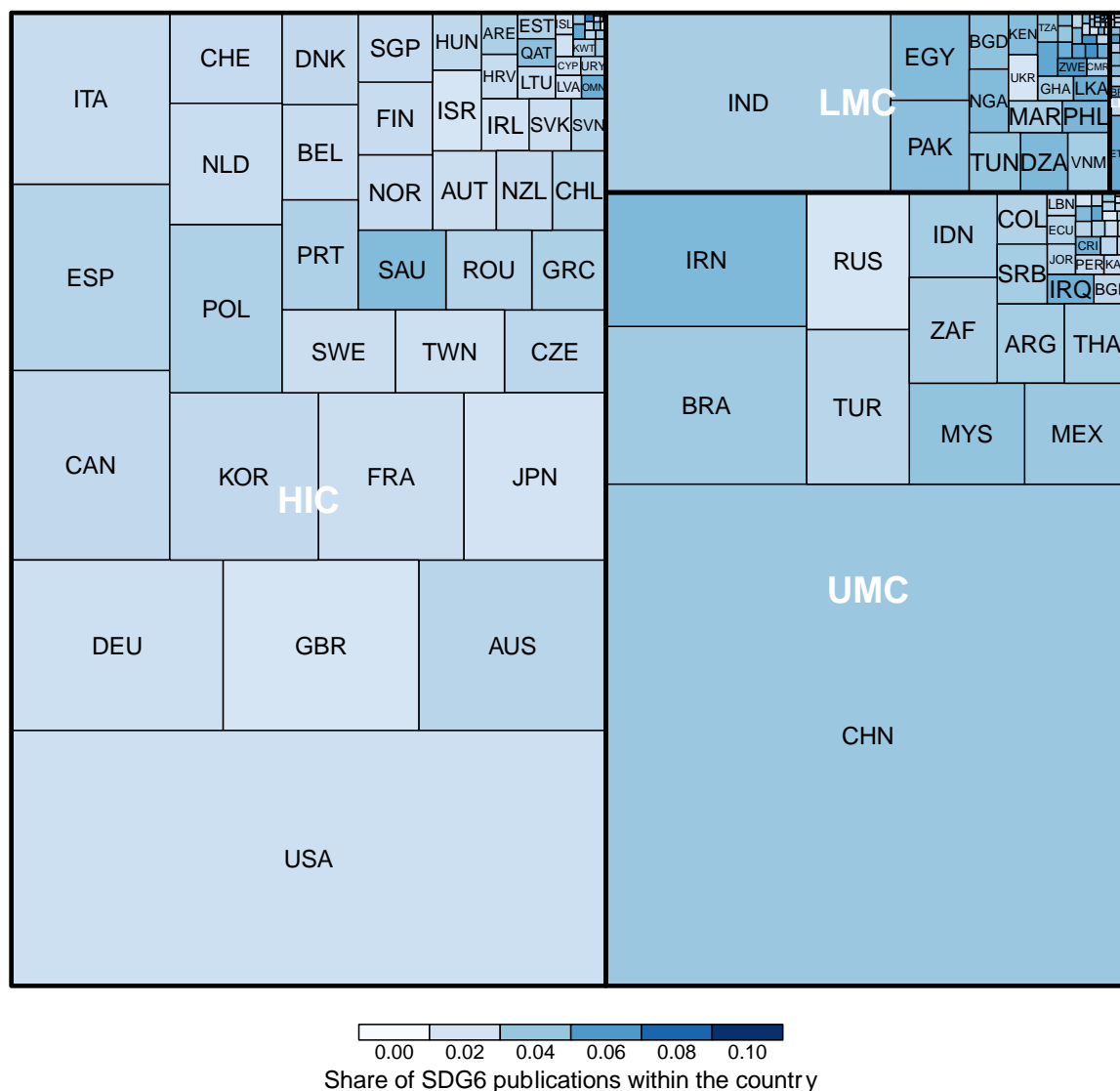
Notes: total SDG4-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 5: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG5 (2015-19)



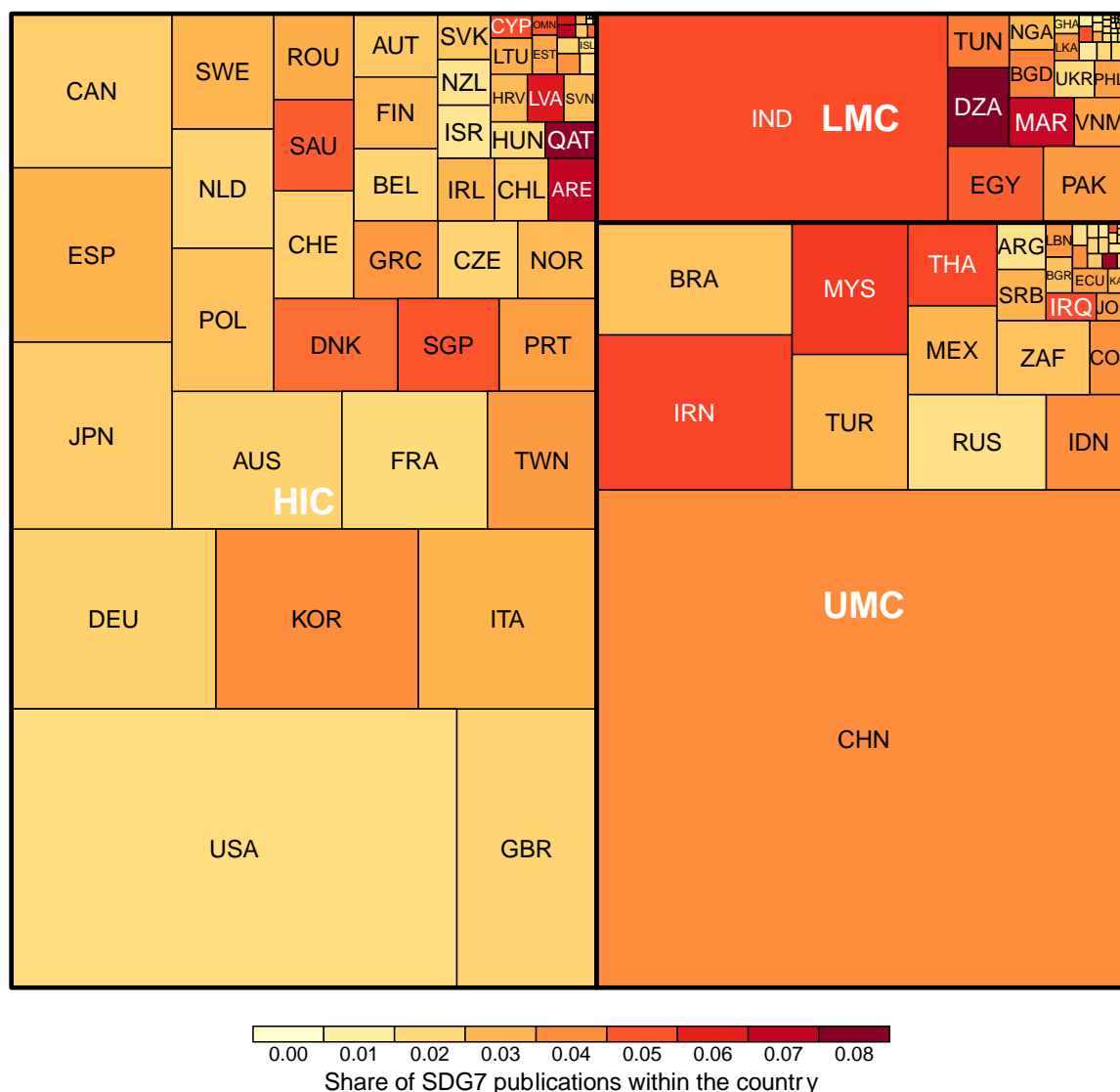
Notes: total SDG5-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 6: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG6 (2015-19)



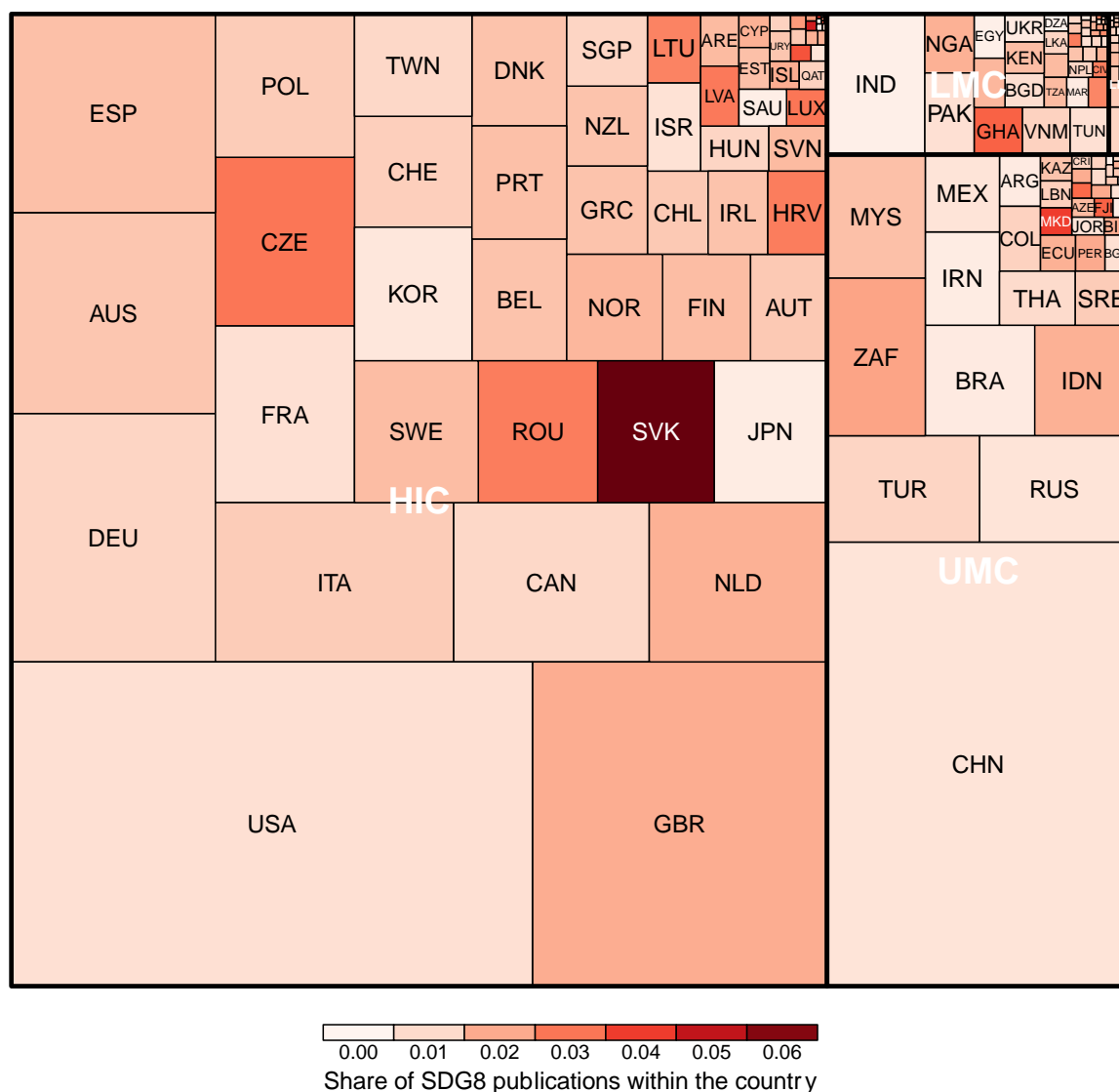
Notes: total SDG6-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs(color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 7: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG7 (2015-19)



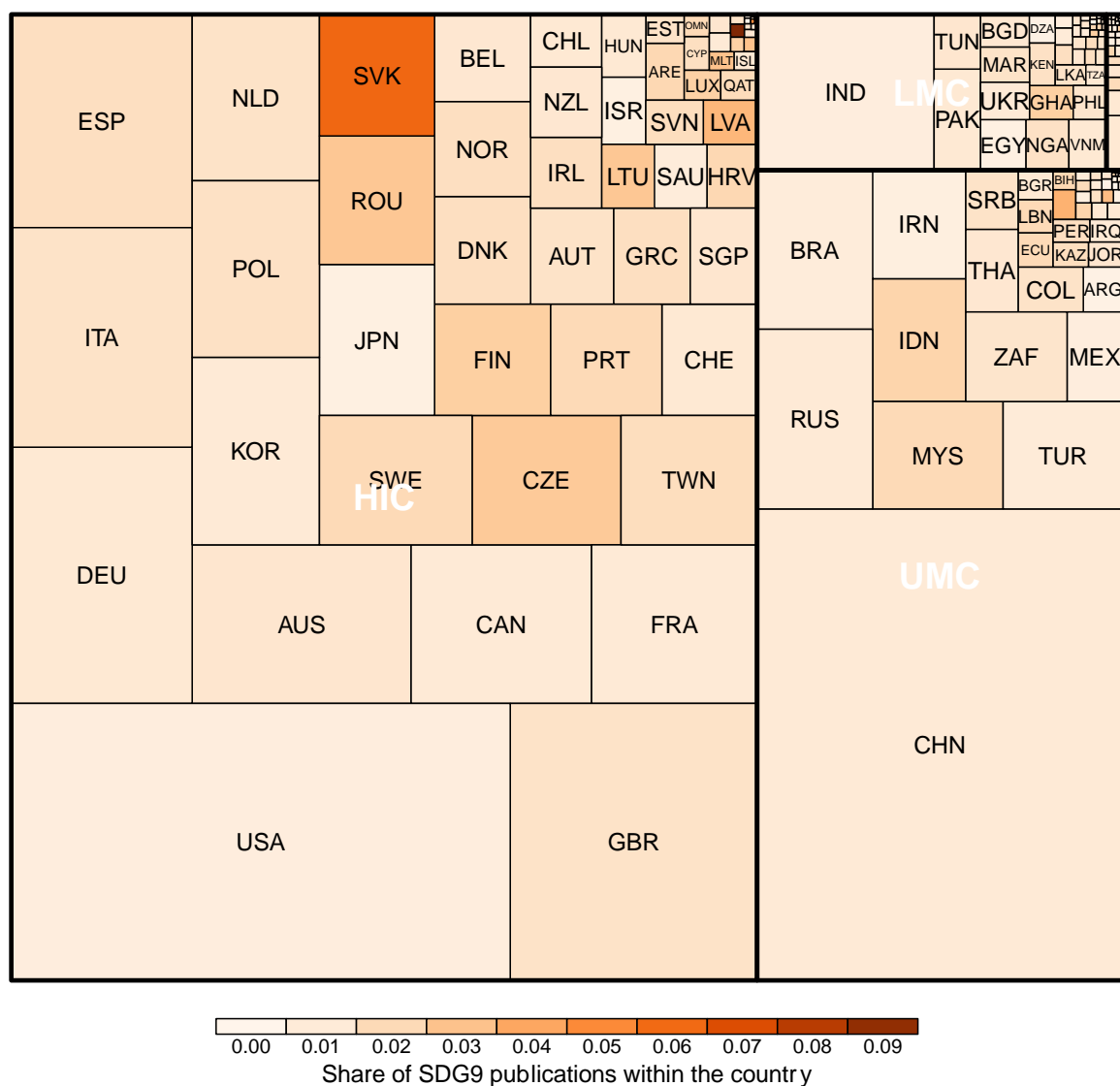
Notes: total SDG7-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs(color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 8: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG8 (2015-19)



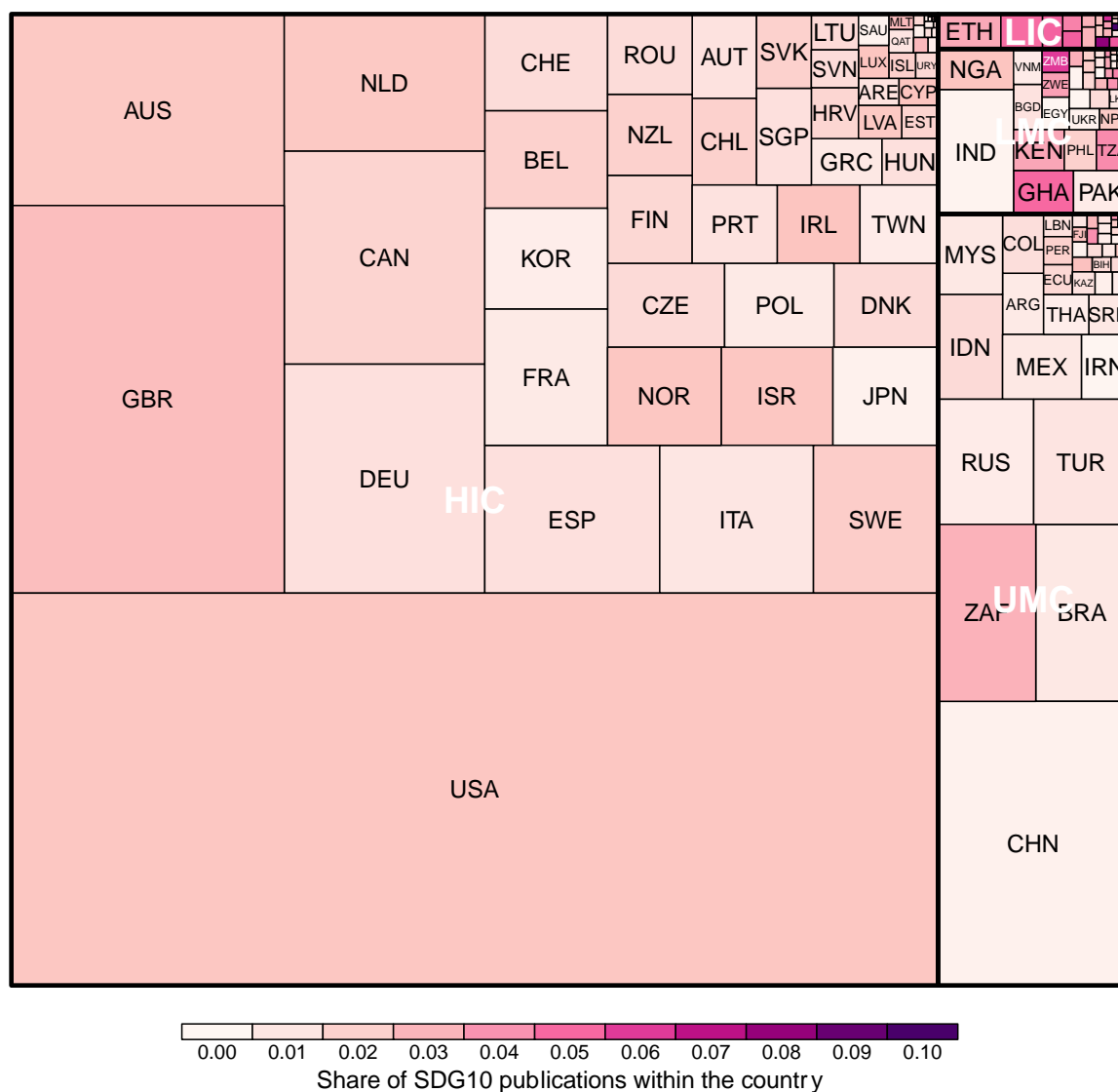
Notes: total SDG8-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 9: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG9 (2015-19)



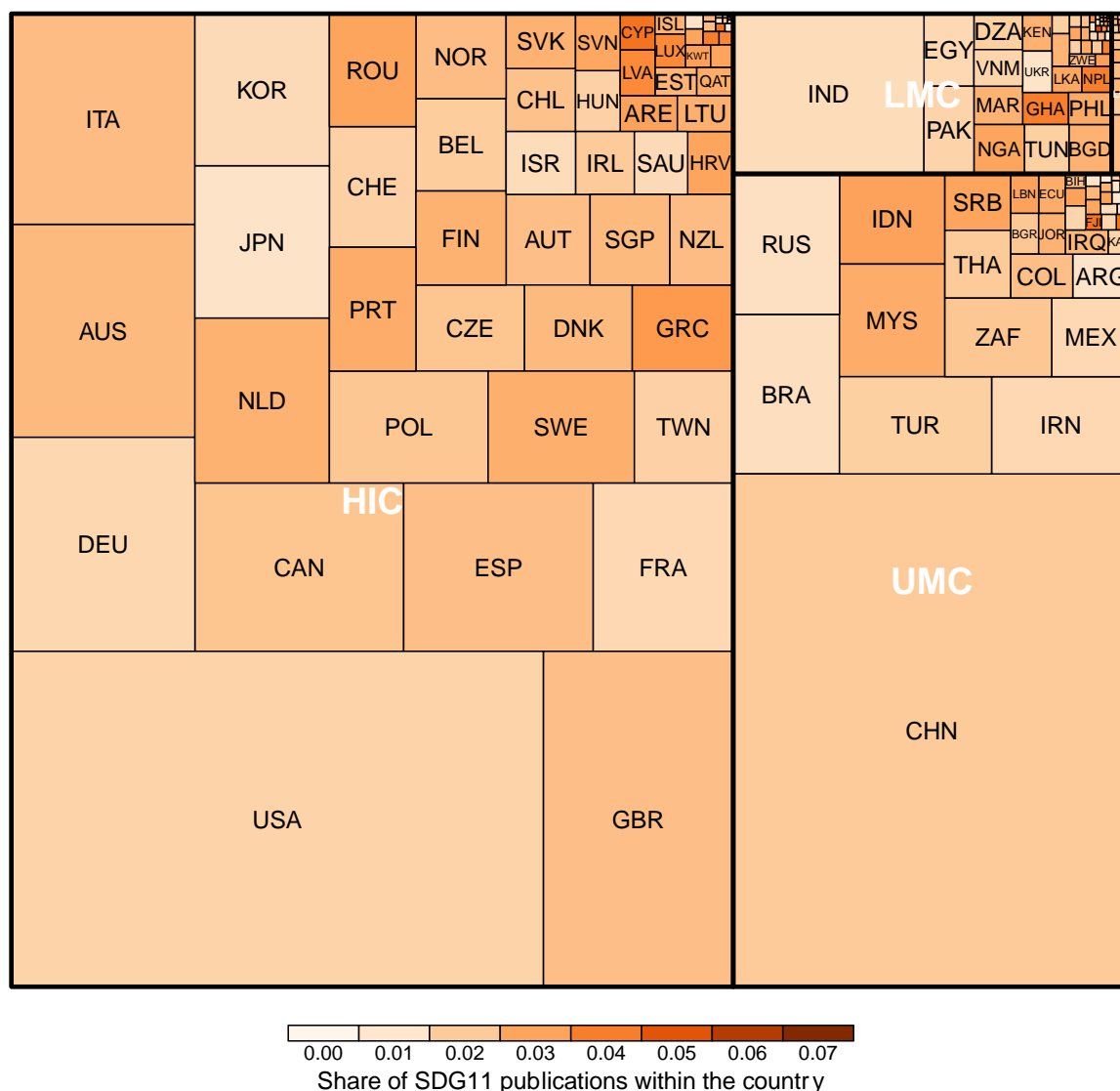
Notes: total SDG9-related publications relative to the world (box size) and share of SDG1-related publication withing country, relative to other SDGs(color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 10: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG10 (2015-19)



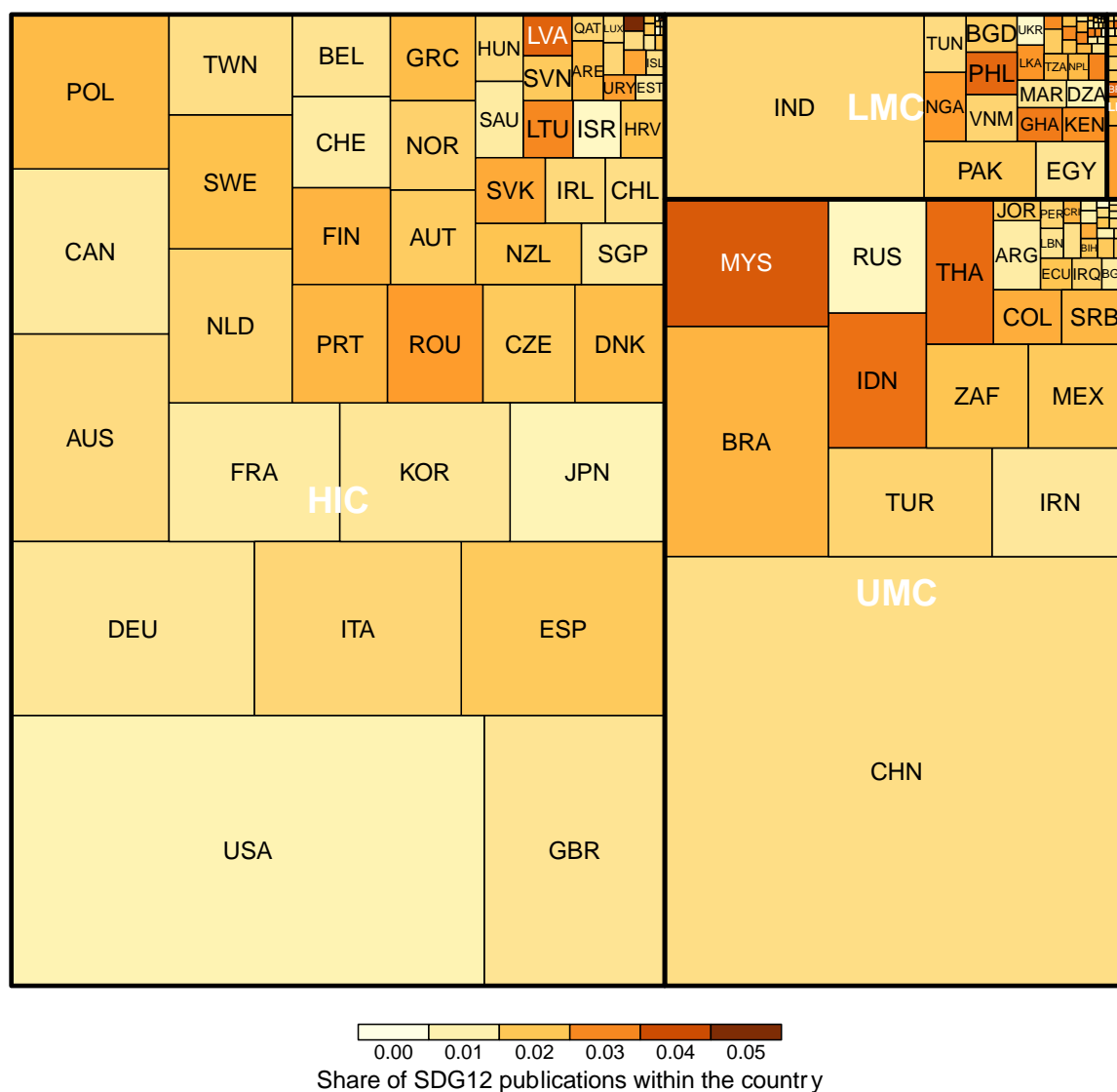
Notes: total SDG10-related publications relative to the world (box size) and share of SDG10-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 11: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG11 (2015-19)



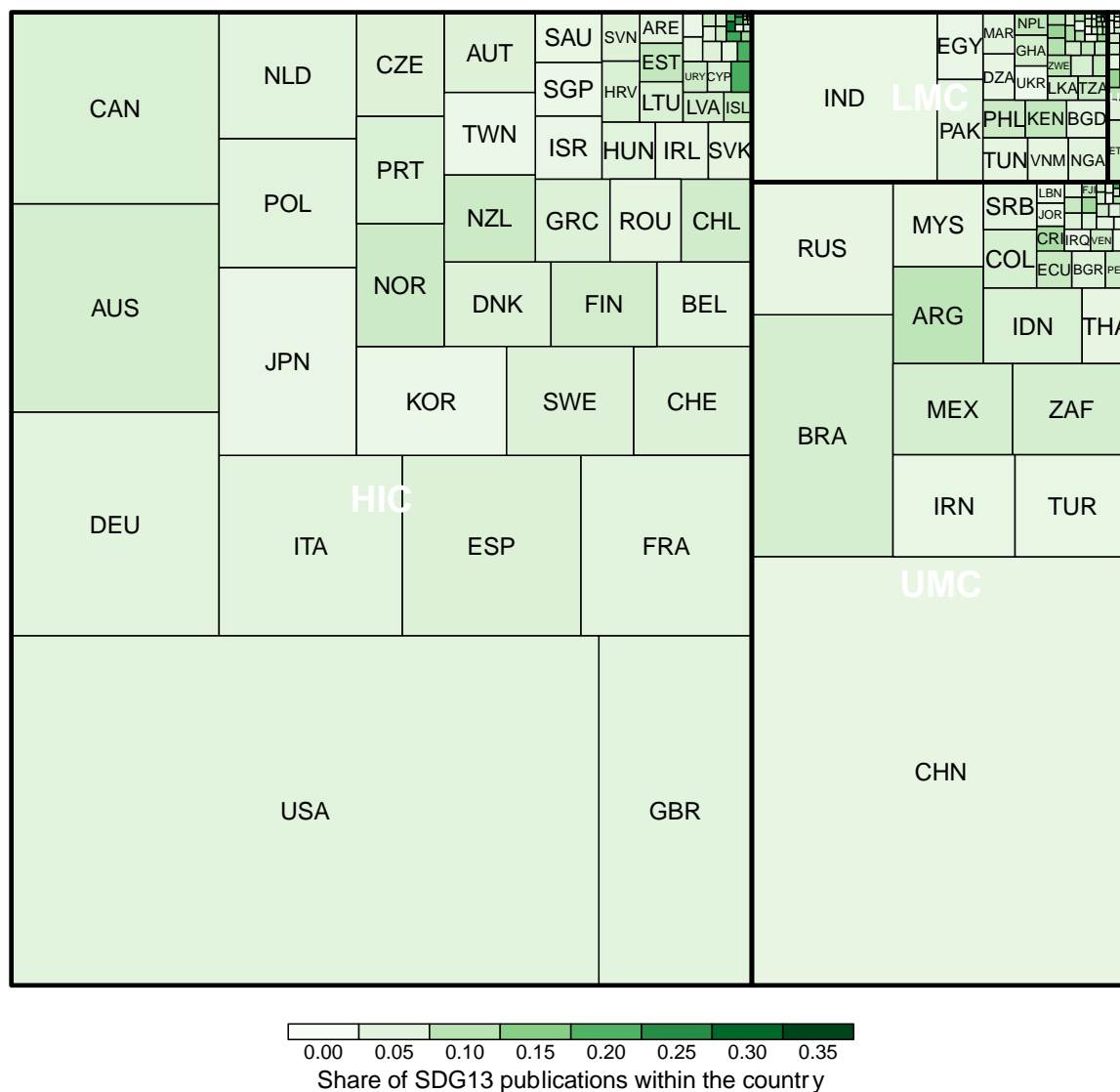
Notes: total SDG11-related publications relative to the world (box size) and share of SDG11-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 12: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG12 (2015-19)



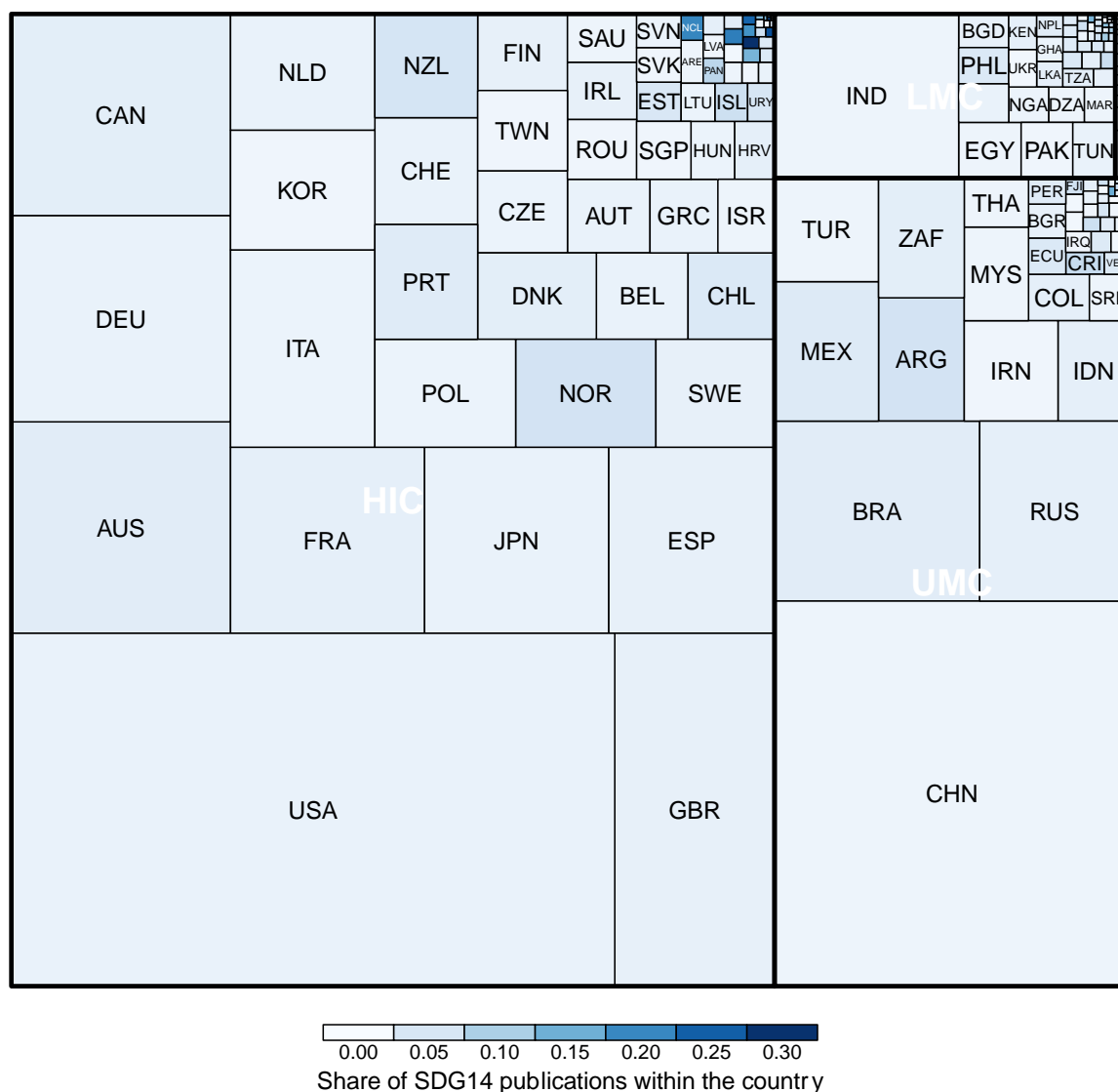
Notes: total SDG12-related publications relative to the world (box size) and share of SDG12-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 13: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG13 (2015-19)



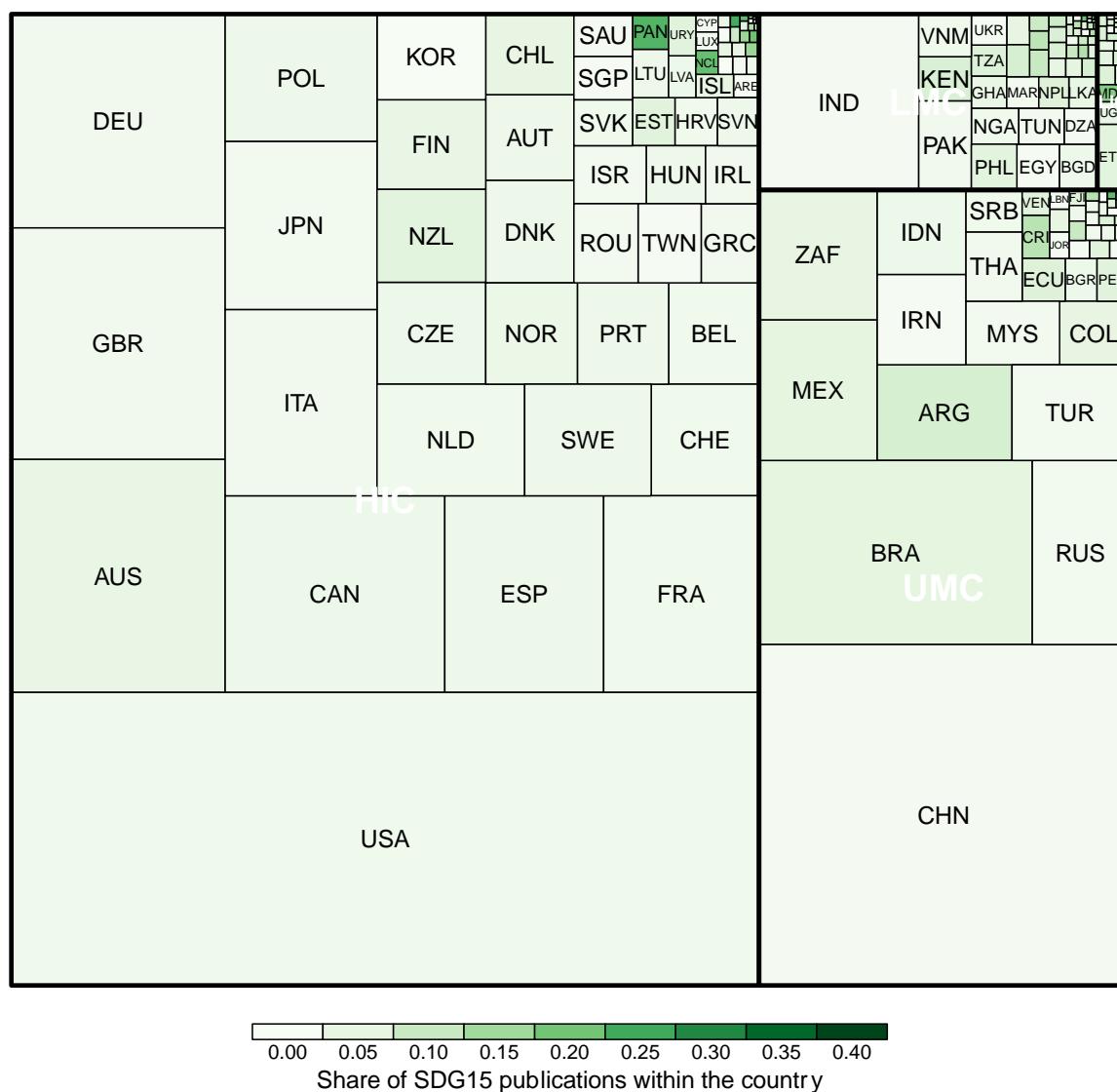
Notes: total SDG13-related publications relative to the world (box size) and share of SDG13-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 14: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG14 (2015-19)



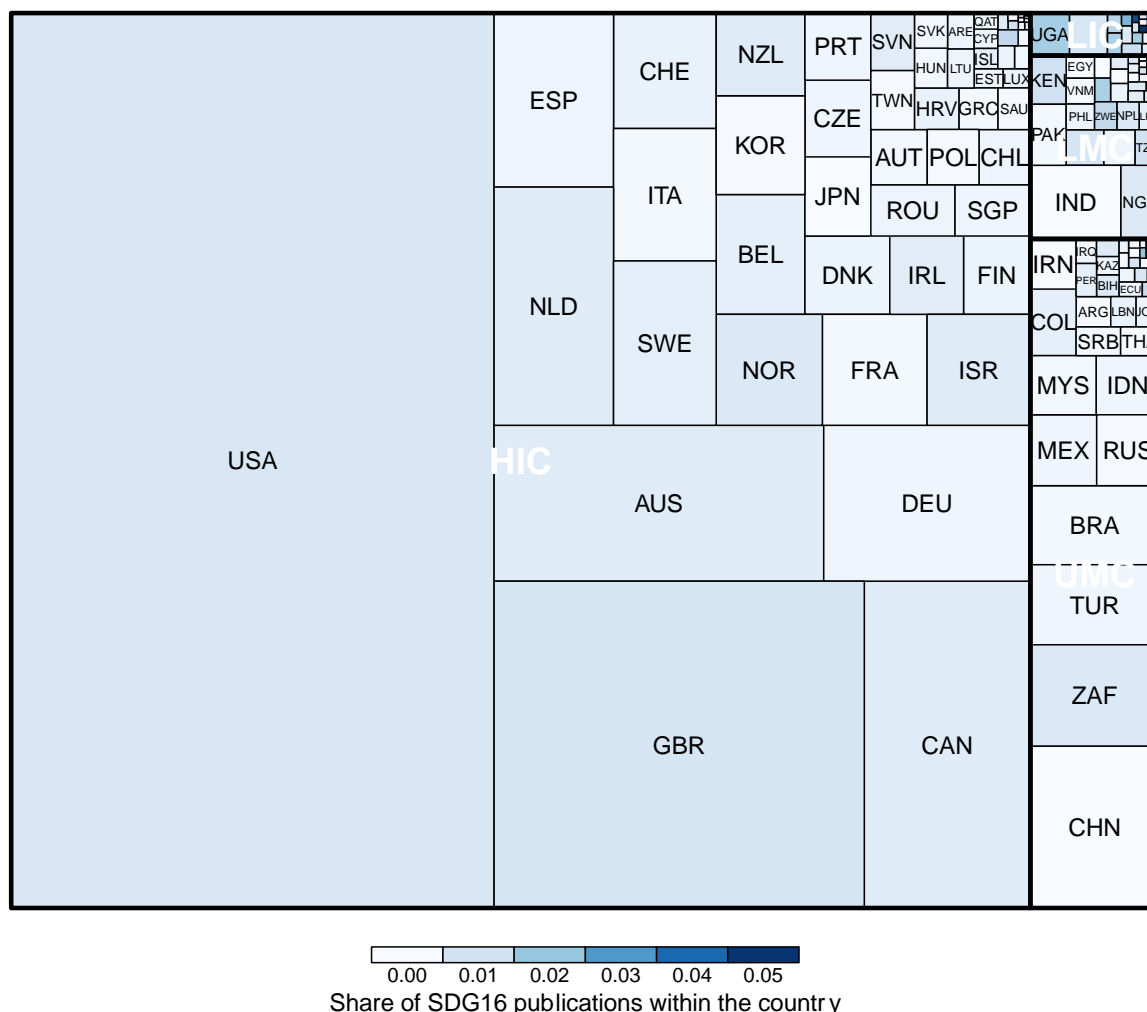
Notes: total SDG14-related publications relative to the world (box size) and share of SDG14-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 15: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG15 (2015-19)



Notes: total SDG15-related publications relative to the world (box size) and share of SDG15-related publication within country, relative to other SDGs (color density). Loose representation of SDG-related research. Figures based on Web of Science data (CWTS version).

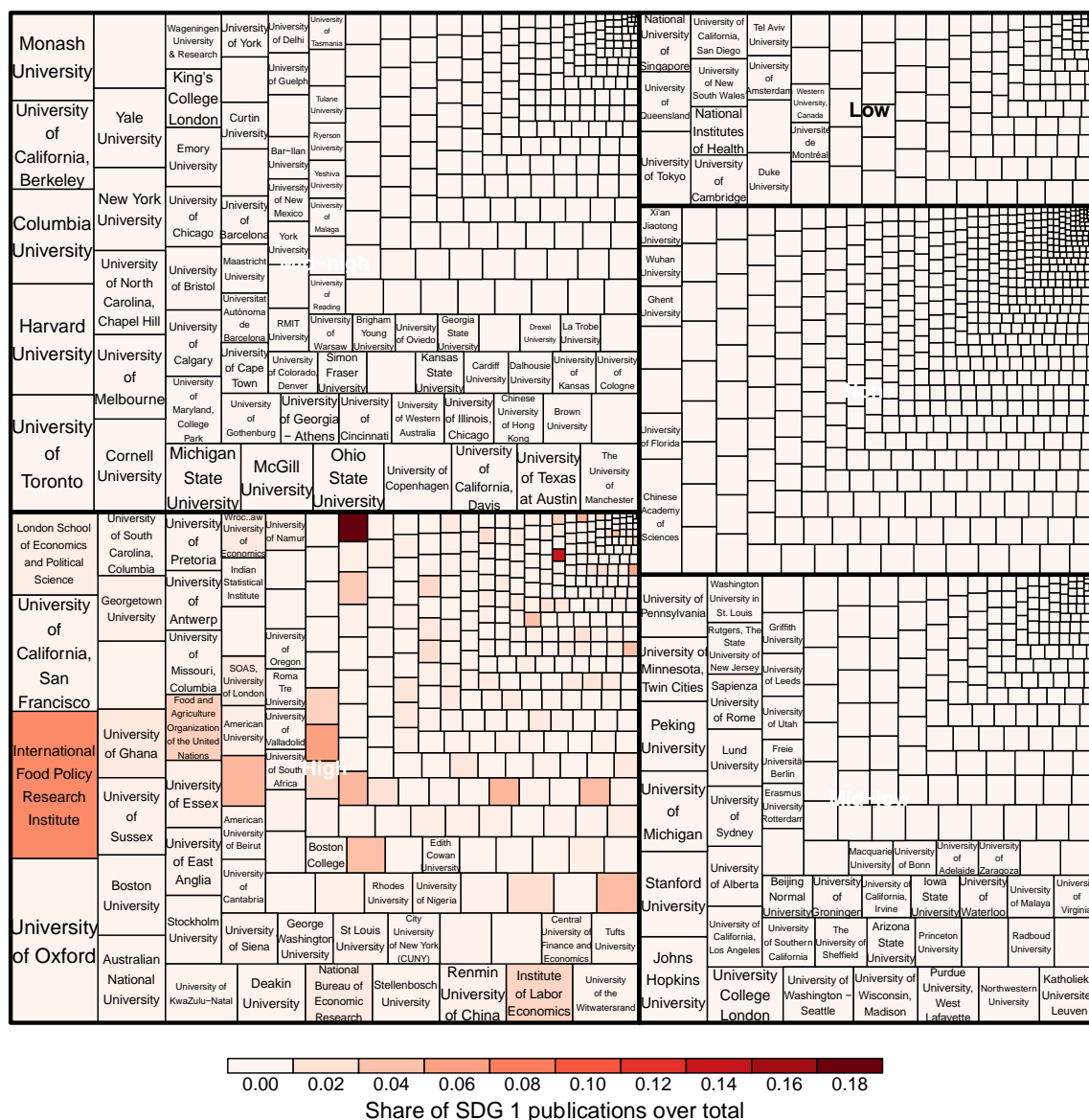
Figure 16: Number of publications (relative to the world) and share of publications (relative to the country) by country and income country group: SDG16 (2015-19)



Notes: total SDG16-related publications relative to the world (box size) and share of SDG16-related publication withing country, relative to other SDGs (color density). Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

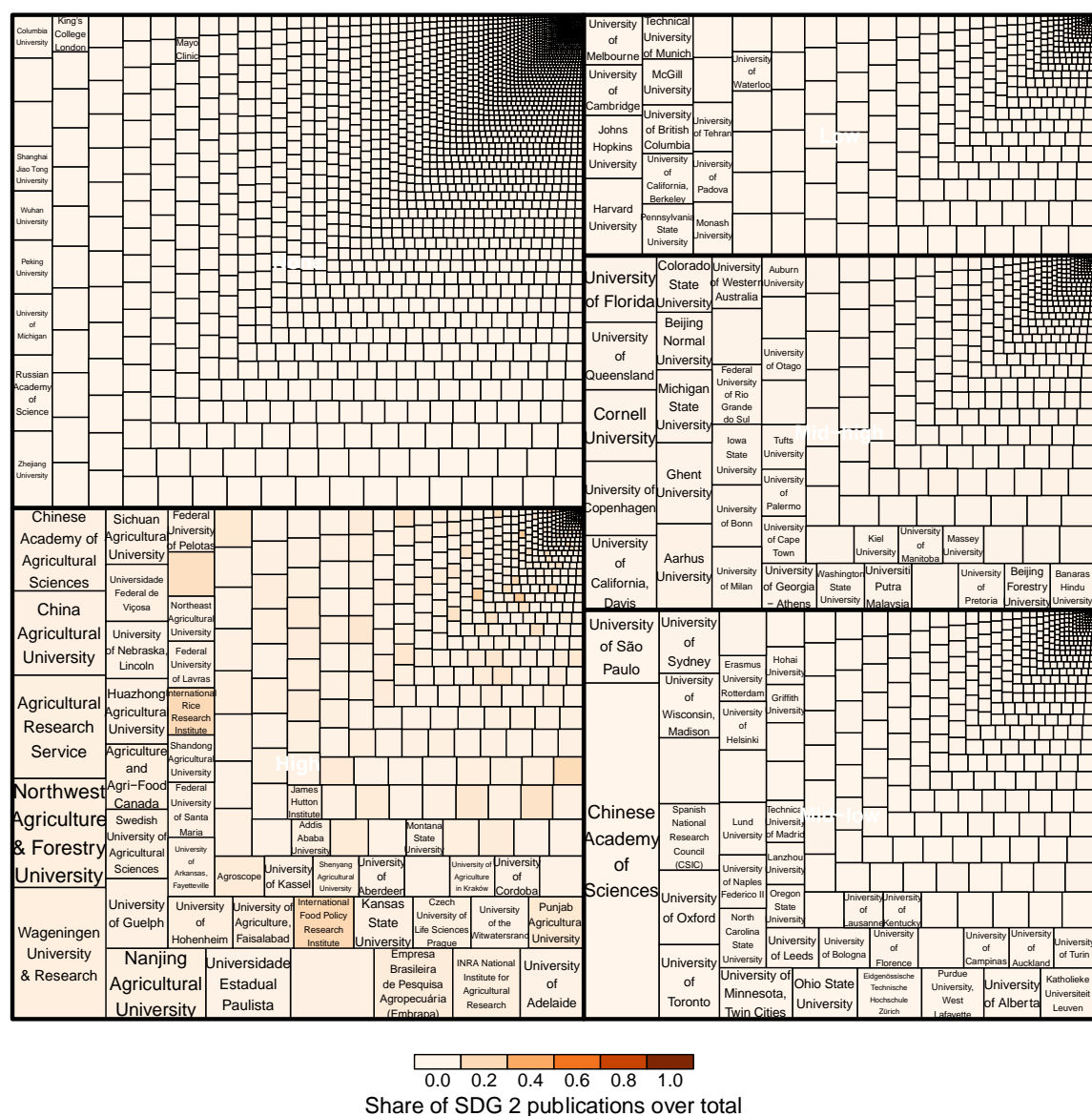
1.2 SDG-related publications by organisation: count, share and specialisation

Figure 17: SDG1 Publications by organisation: count, share and specialisation (2015-19)



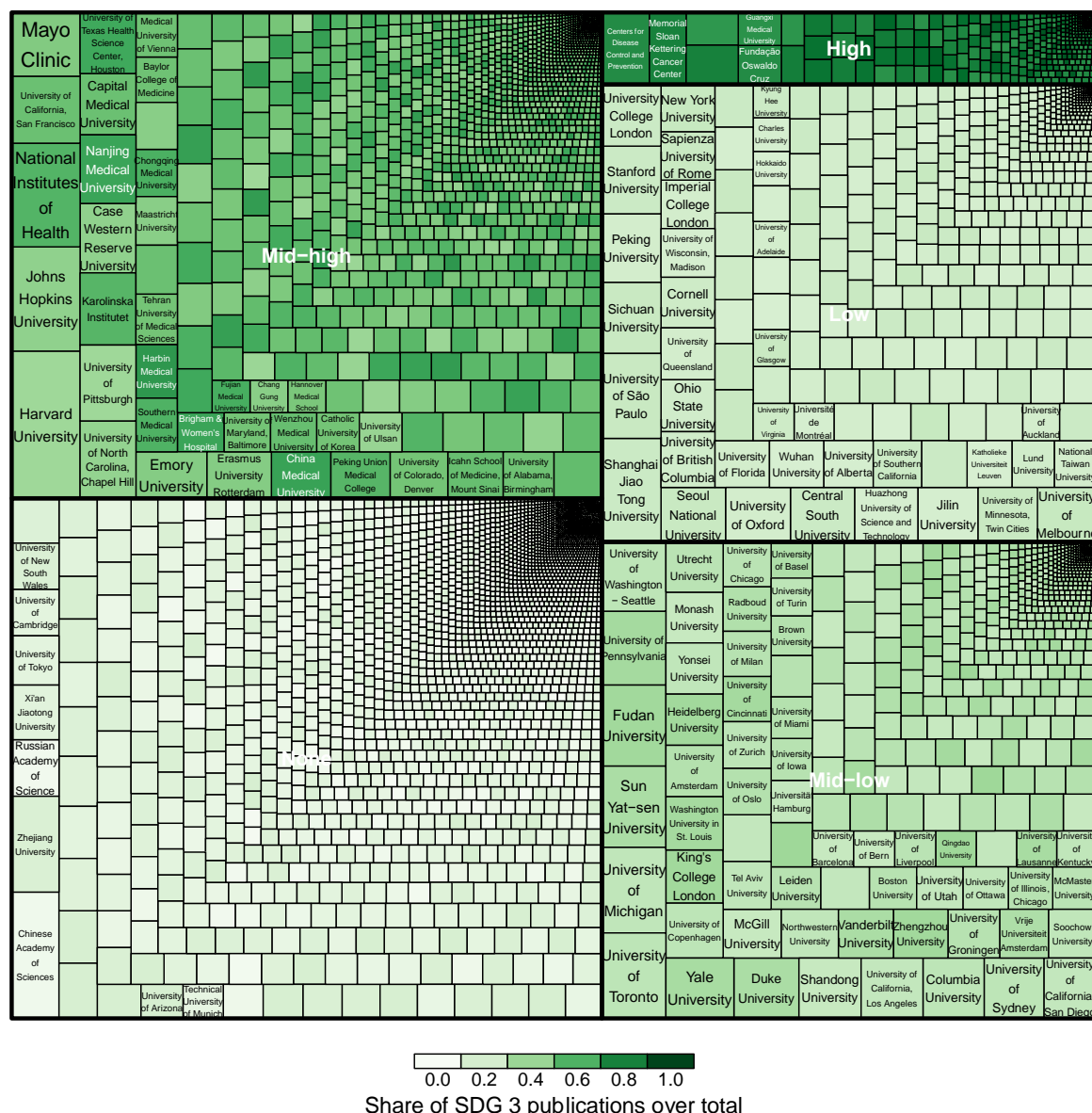
Notes: **Contribution to SDG1 (Small Box size)**: organisation's contribution to SDG1-related publications relative to the world (measured as the share of SDG1-related publications over all SDG1-related publications in the world); **SDG1-intensity (Box color density)**: share of SDG1-related publications over total publications in the organisation; **SDG1 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG1 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG1 and the world share of publications related to SDG1 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 18: SDG2 Publications by organisation: count, share and specialisation (2015-19)



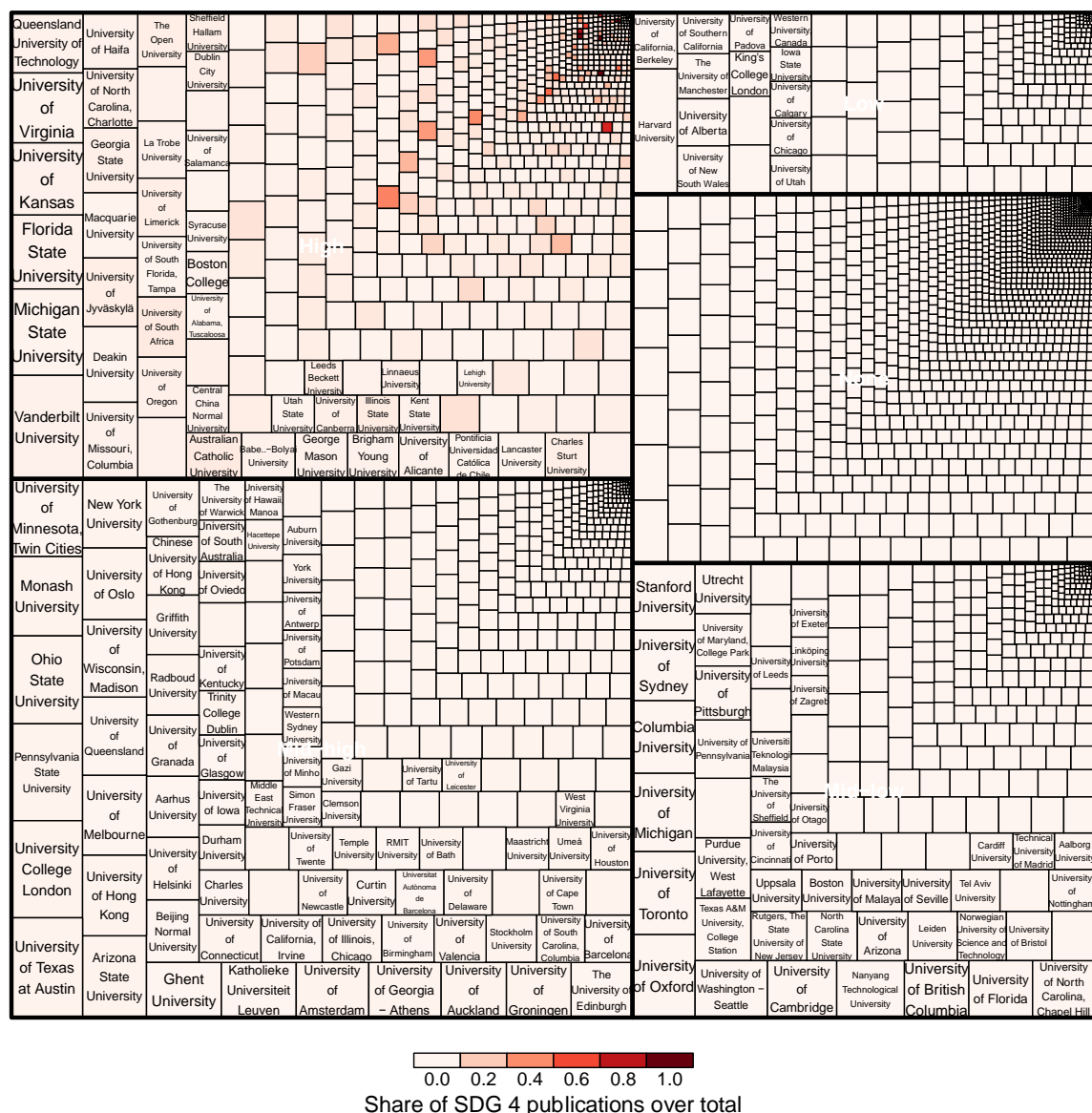
Notes: Contribution to SDG2 (Small Box size): organisation's contribution to SDG2-related publications relative to the world (measured as the share of SDG2-related publications over all SDG2-related publications in the world); **SDG2-intensity (Box color density):** share of SDG2-related publications over total publications in the organisation; **SDG2 Specialisation (Large boxes):** relative specialisation of an organisation in SDG2 vis-a vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG2 and the world share of publications related to SDG2 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 19: SDG3 Publications by organisation: count, share and specialisation (2015-19)



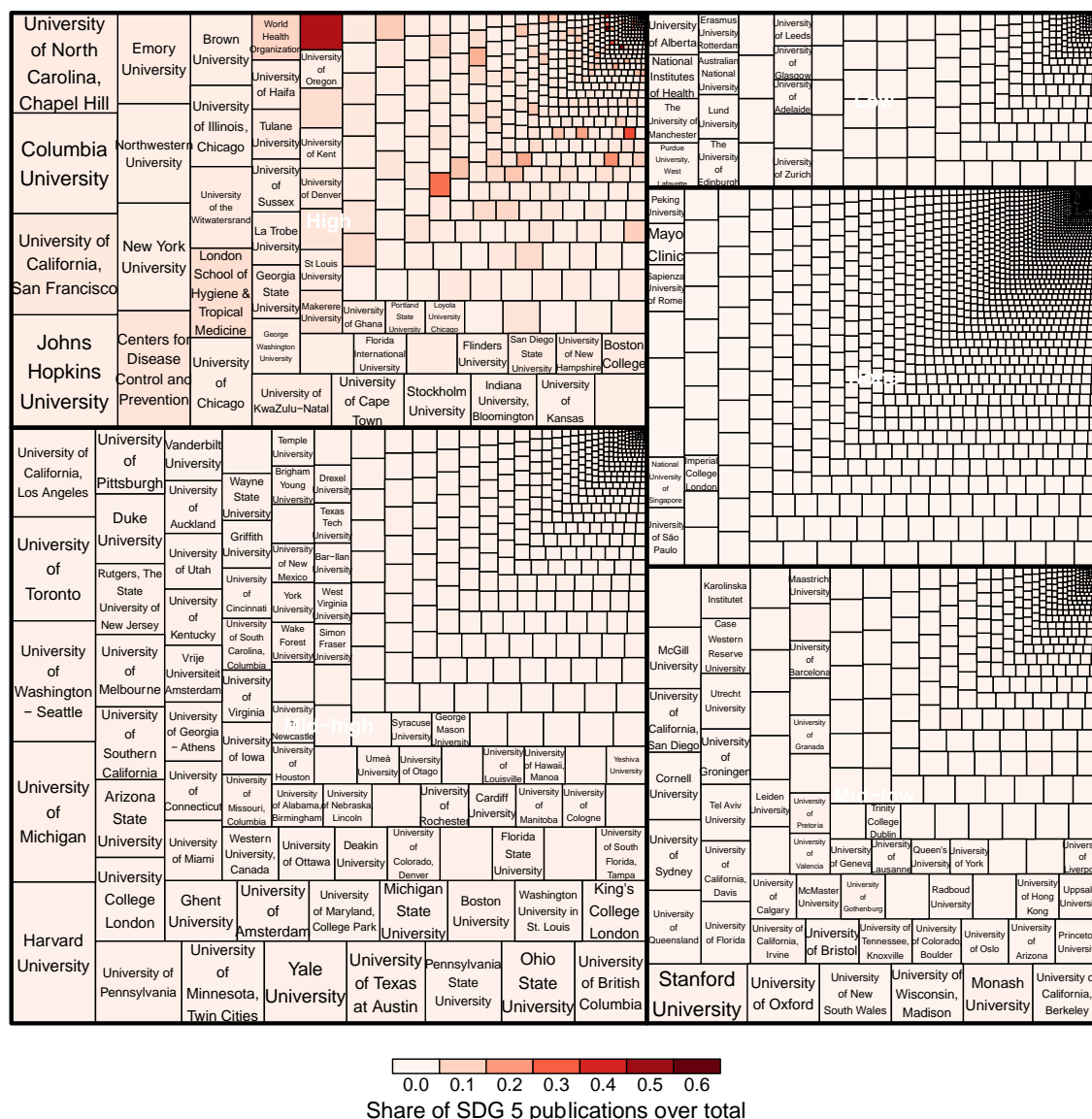
Notes: Contribution to SDG3 (Small Box size): organisation's contribution to SDG3-related publications relative to the world (measured as the share of SDG3-related publications over all SDG3-related publications in the world); **SDG3-intensity (Box color density):** share of SDG3-related publications over total publications in the organisation; **SDG3 Specialisation (Large boxes):** relative specialisation of an organisation in SDG3 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG3 and the world share of publications related to SDG3 (Balassa index)); **None:** Balassa relative specialisation index below 1; **Low:** Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; **Mid-low:** Balassa relative specialisation index in the second quartile of organisations with an index above 1; **Mid-high:** Balassa relative specialisation index in the third quartile of organisations with an index above 1; **High:** Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 20: SDG4 Publications by organisation: count, share and specialisation (2015-19)



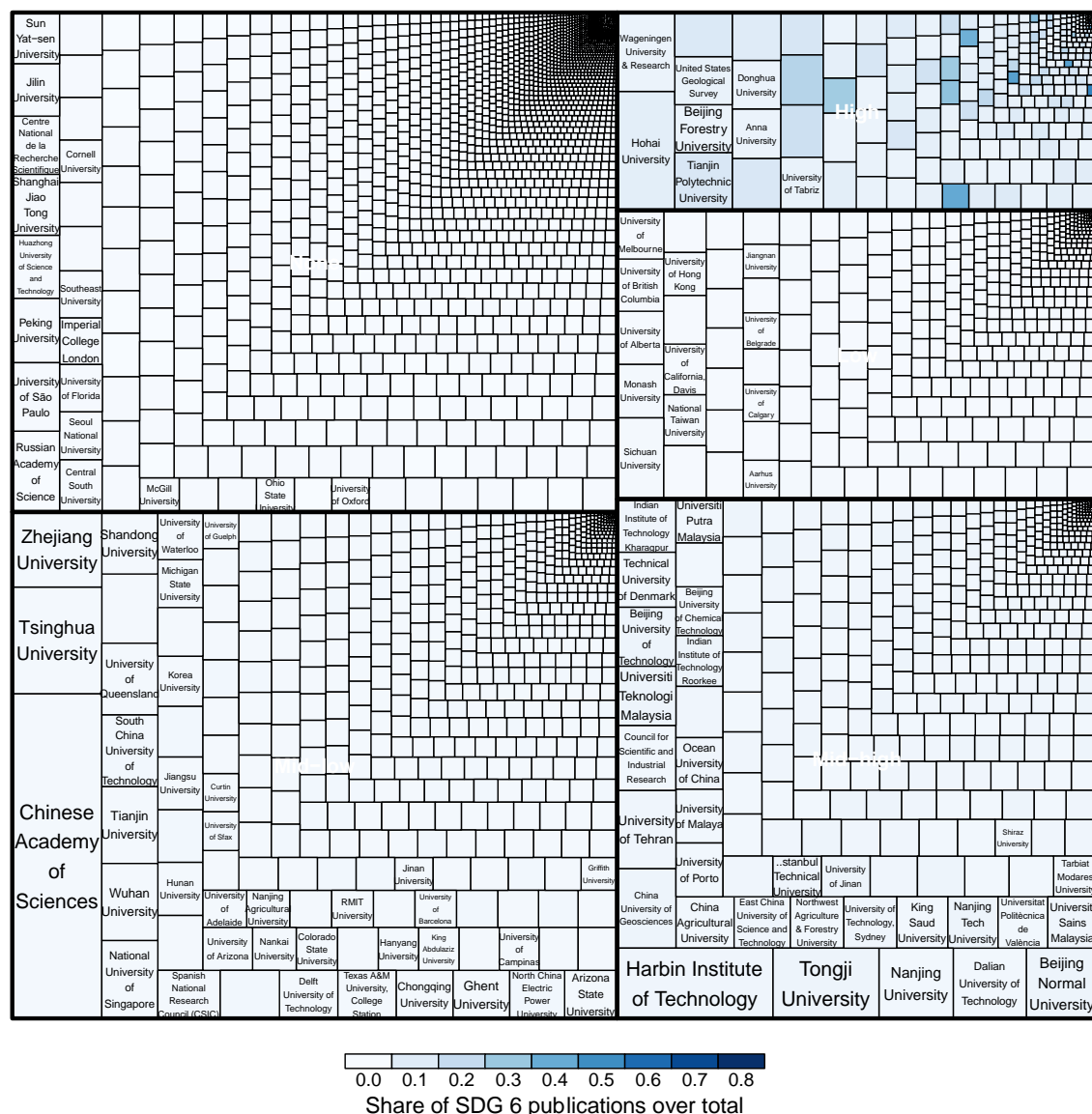
Notes: **Contribution to SDG4 (Small Box size)**: organisation's contribution to SDG4-related publications relative to the world (measured as the share of SDG4-related publications over all SDG4-related publications in the world); **SDG4-intensity (Box color density)**: share of SDG4-related publications over total publications in the organisation; **SDG4 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG4 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG4 and the world share of publications related to SDG4 (Balassa index)); *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 21: SDG5 Publications by organisation: count, share and specialisation (2015-19)



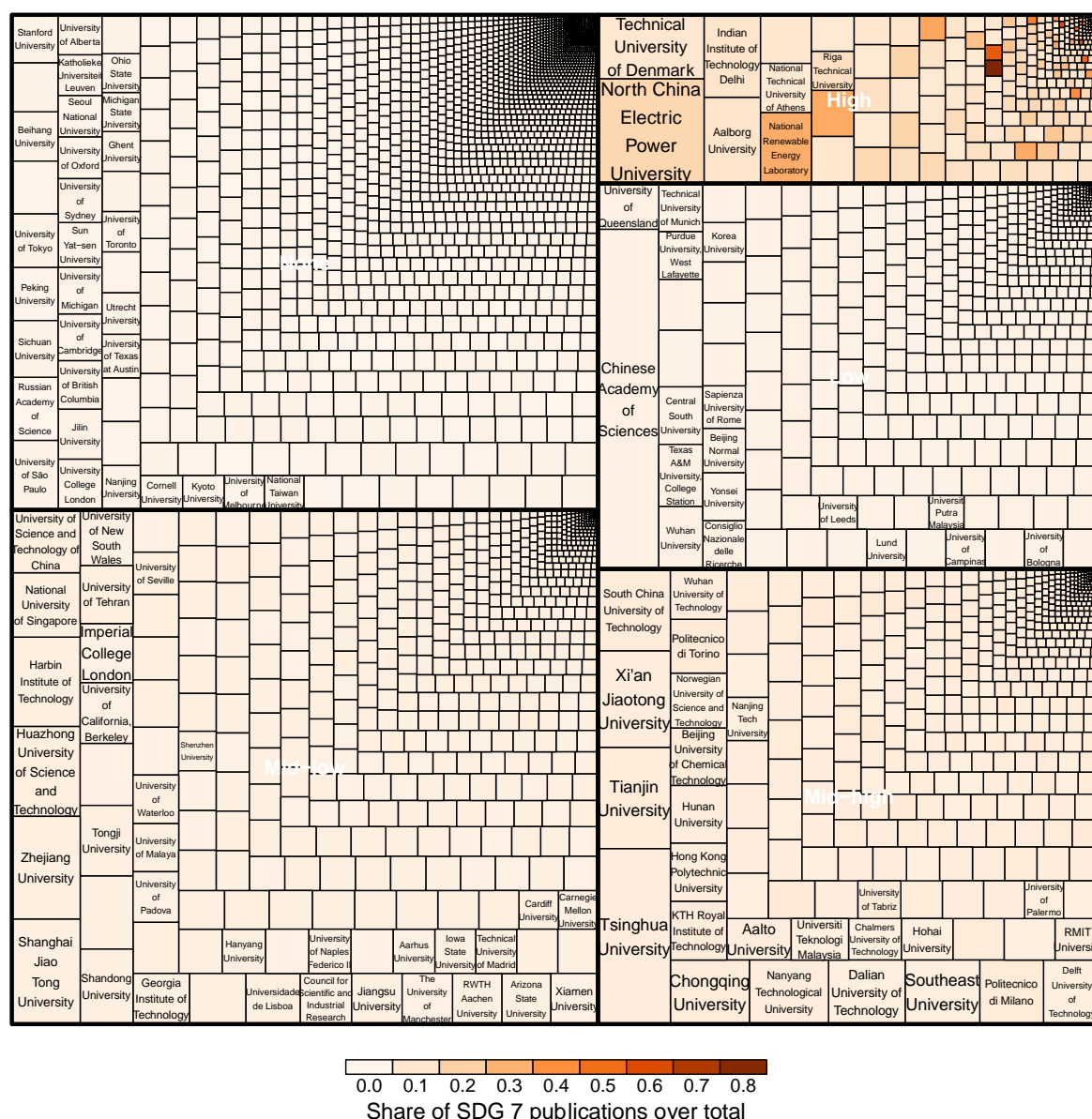
Notes: **Contribution to SDG5 (Small Box size)**: organisation's contribution to SDG5-related publications relative to the world (measured as the share of SDG5-related publications over all SDG5-related publications in the world); **SDG5-intensity (Box color density)**: share of SDG5-related publications over total publications in the organisation; **SDG5 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG5 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG5 and the world share of publications related to SDG5 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 22: SDG6 Publications by organisation: count, share and specialisation (2015-19)



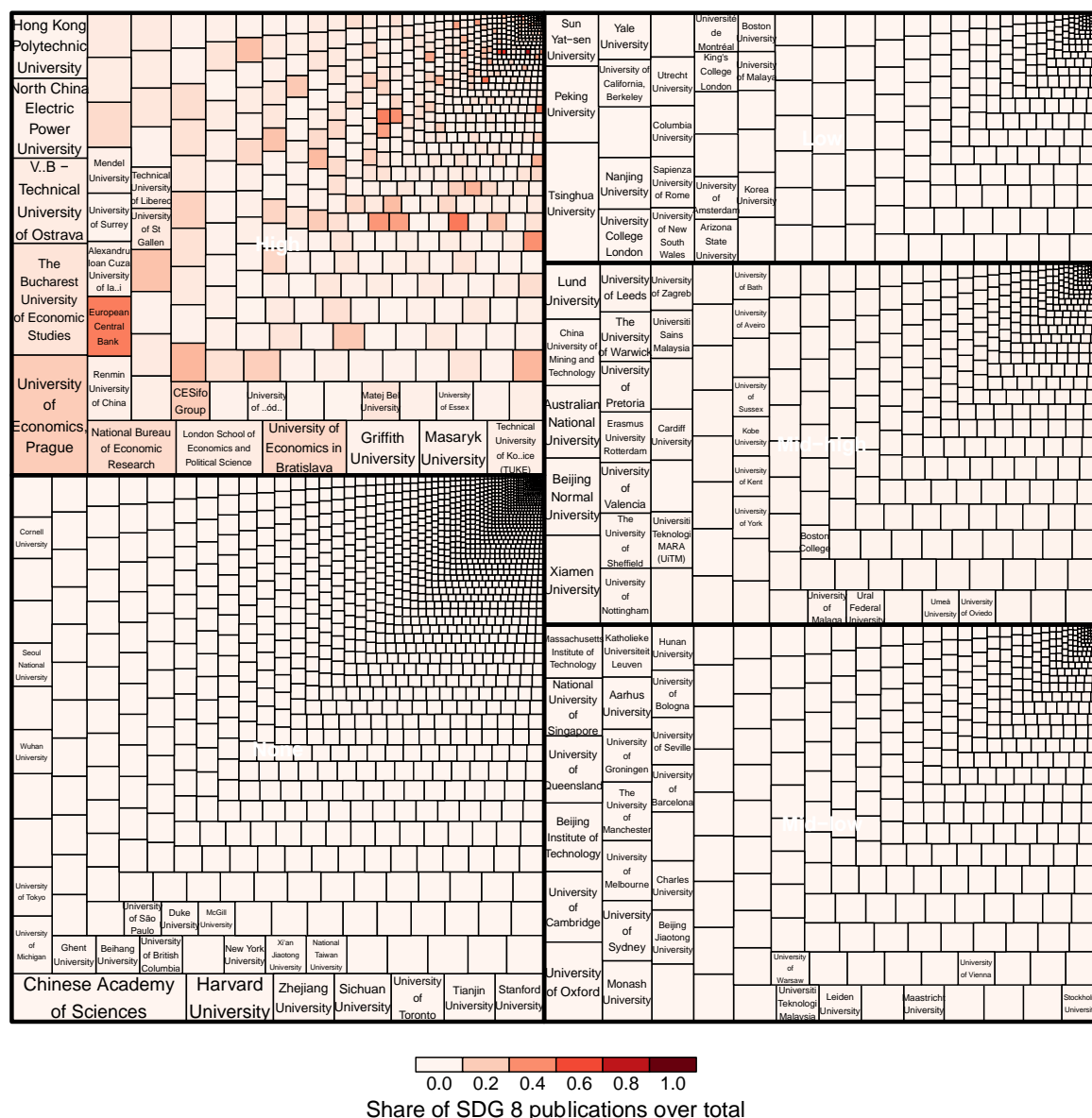
Notes: **Contribution to SDG6 (Small Box size)**: organisation's contribution to SDG6-related publications relative to the world (measured as the share of SDG6-related publications over all SDG6-related publications in the world); **SDG6-intensity (Box color density)**: share of SDG6-related publications over total publications in the organisation; **SDG6 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG6 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG6 and the world share of publications related to SDG6 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 23: SDG7 Publications by organisation: count, share and specialisation (2015-19)



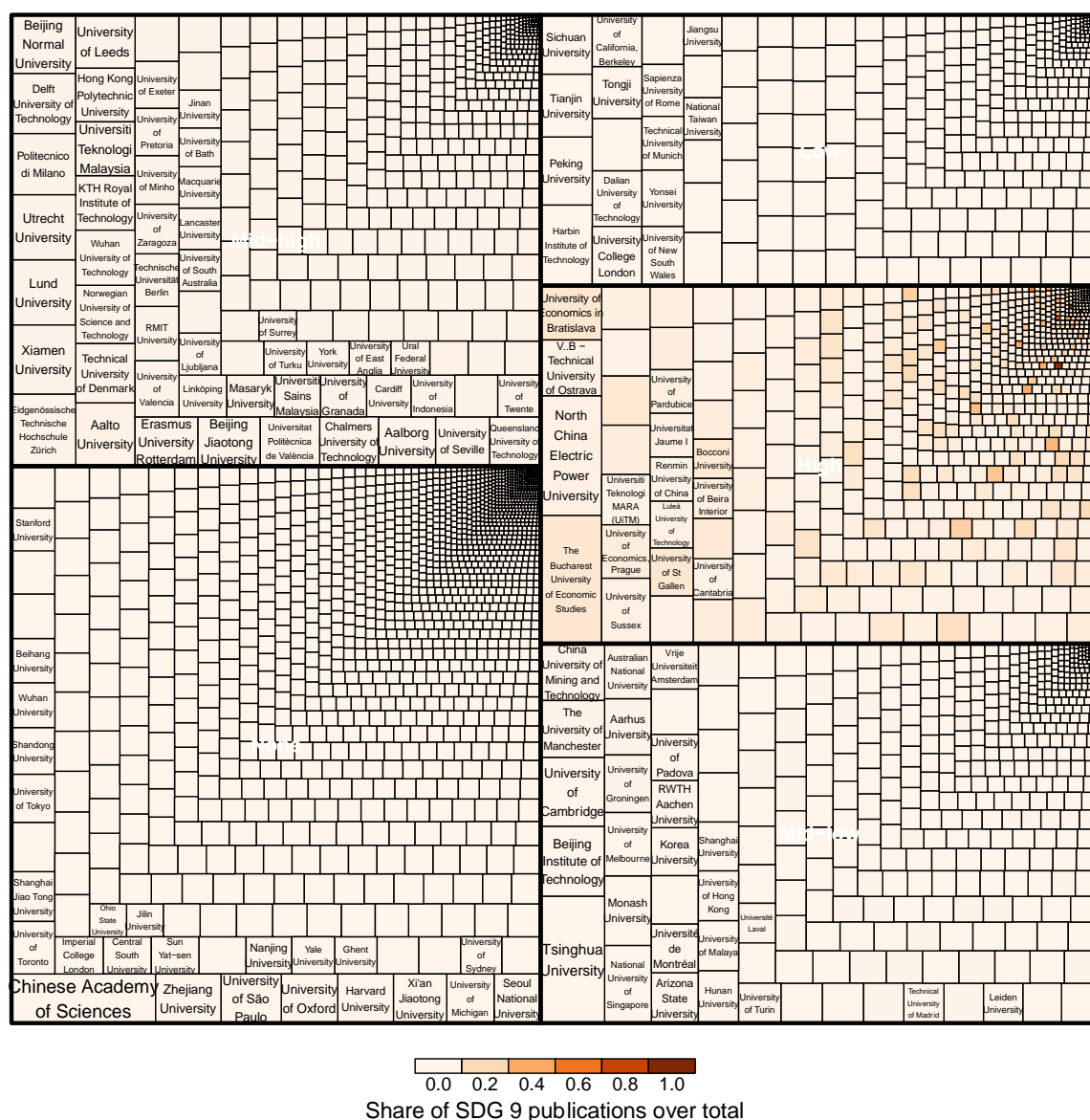
Notes: **Contribution to SDG7 (Small Box size)**: organisation's contribution to SDG7-related publications relative to the world (measured as the share of SDG7-related publications over all SDG7-related publications in the world); **SDG7-intensity (Box color density)**: share of SDG7-related publications over total publications in the organisation; **SDG7 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG7 vis-a vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG7 and the world share of publications related to SDG7 (Balassa index)); *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 24: SDG8 Publications by organisation: count, share and specialisation (2015-19)



Notes: **Contribution to SDG8 (Small Box size)**: organisation's contribution to SDG8-related publications relative to the world (measured as the share of SDG8-related publications over all SDG8-related publications in the world); **SDG8-intensity (Box color density)**: share of SDG8-related publications over total publications in the organisation; **SDG8 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG8 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG8 and the world share of publications related to SDG8 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 25: SDG9 Publications by organisation: count, share and specialisation (2015-19)



Notes: Contribution to SDG9 (Small Box size): organisation's contribution to SDG9-related publications relative to the world (measured as the share of SDG9-related publications over all SDG9-related publications in the world); **SDG9-intensity (Box color density):** share of SDG9-related publications over total publications in the organisation; **SDG9 Specialisation (Large boxes):** relative specialisation of an organisation in SDG9 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG9 and the world share of publications related to SDG9 (Balassa index)); **None:** Balassa relative specialisation index below 1; **Low:** Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; **Mid-low:** Balassa relative specialisation index in the second quartile of organisations with an index above 1; **Mid-high:** Balassa relative specialisation index in the third quartile of organisations with an index above 1; **High:** Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 26: SDG10 Publications by organisation: count, share and specialisation (2015-19)

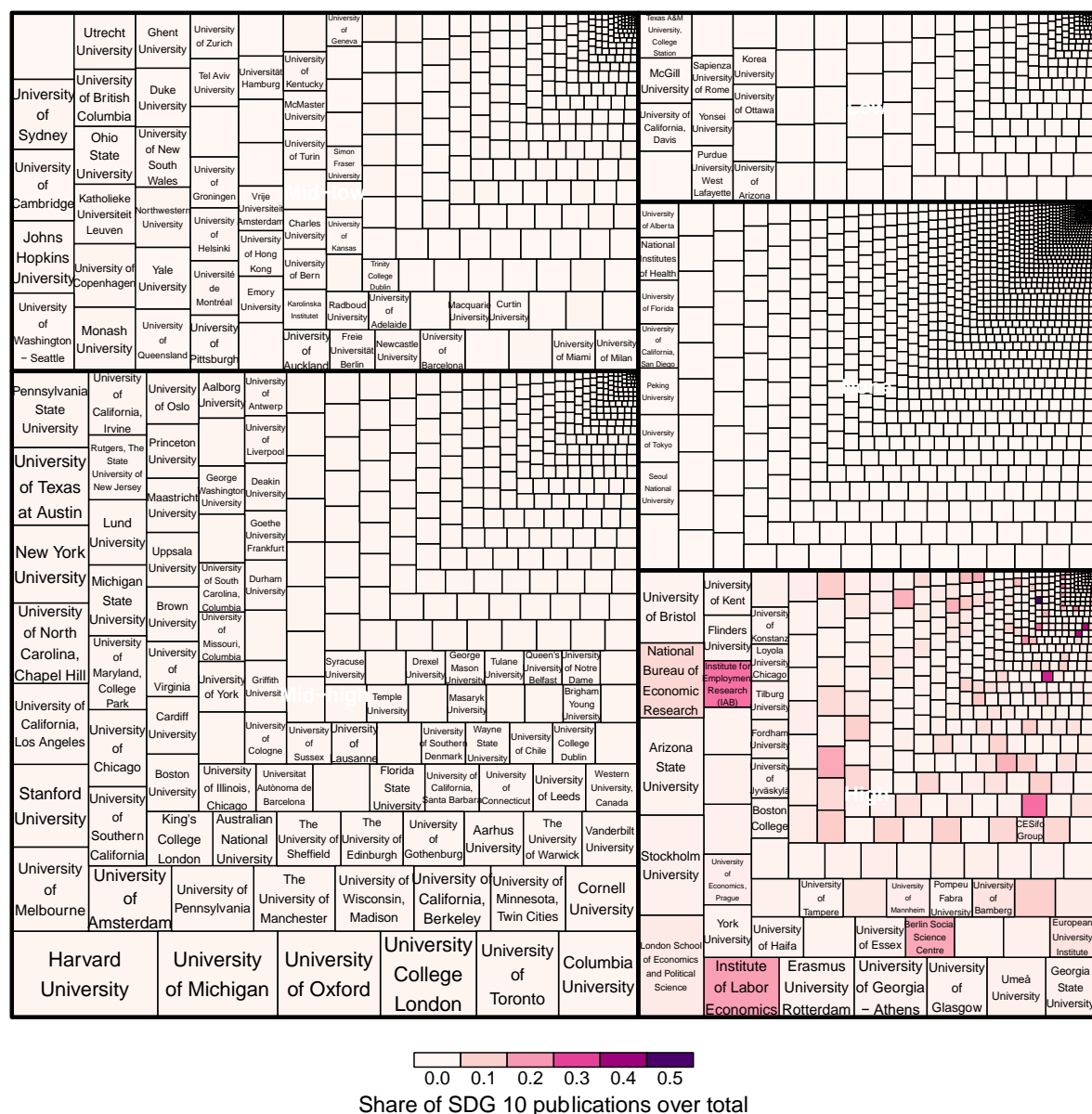
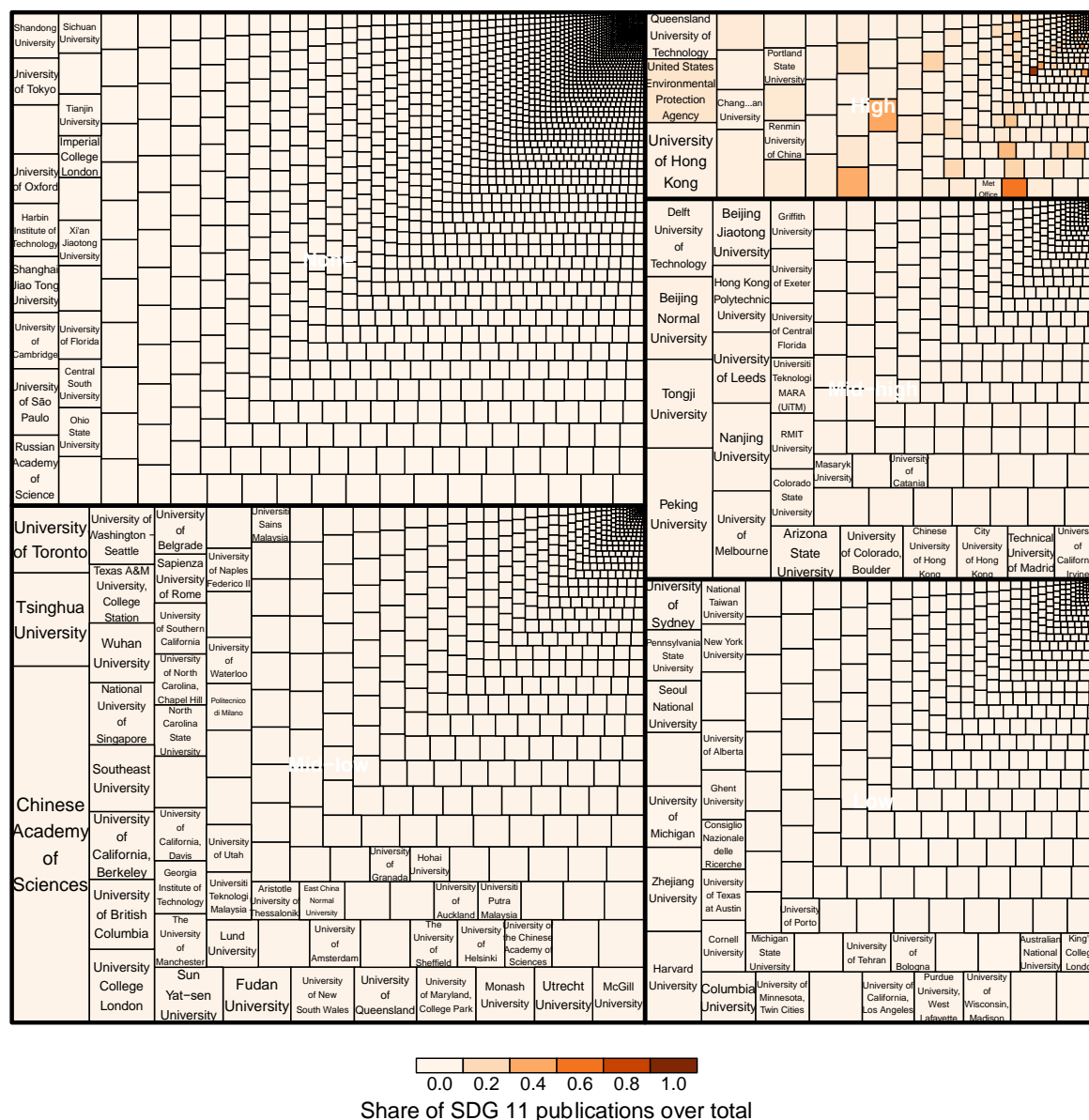
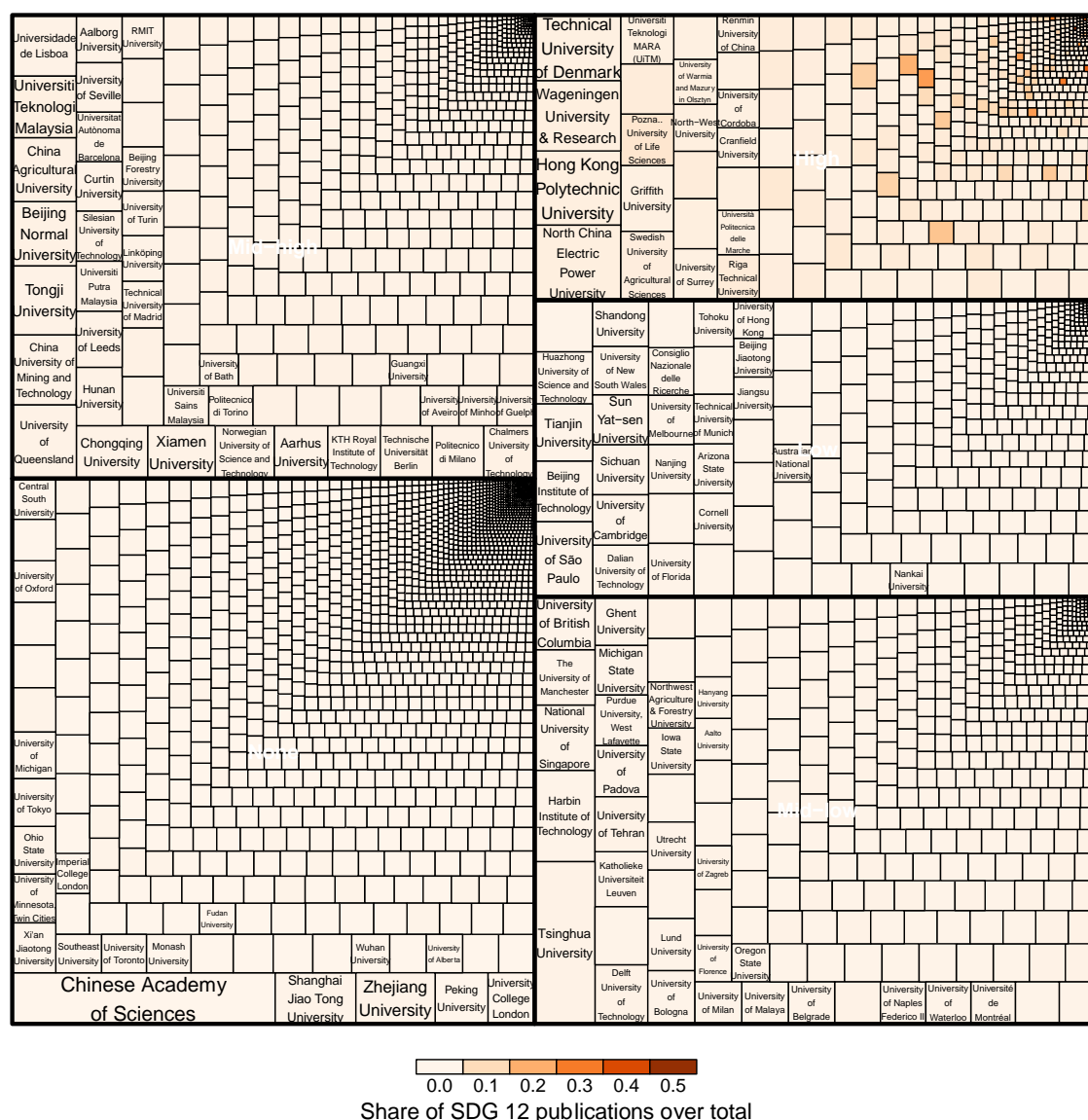


Figure 27: SDG11 Publications by organisation: count, share and specialisation (2015-19)



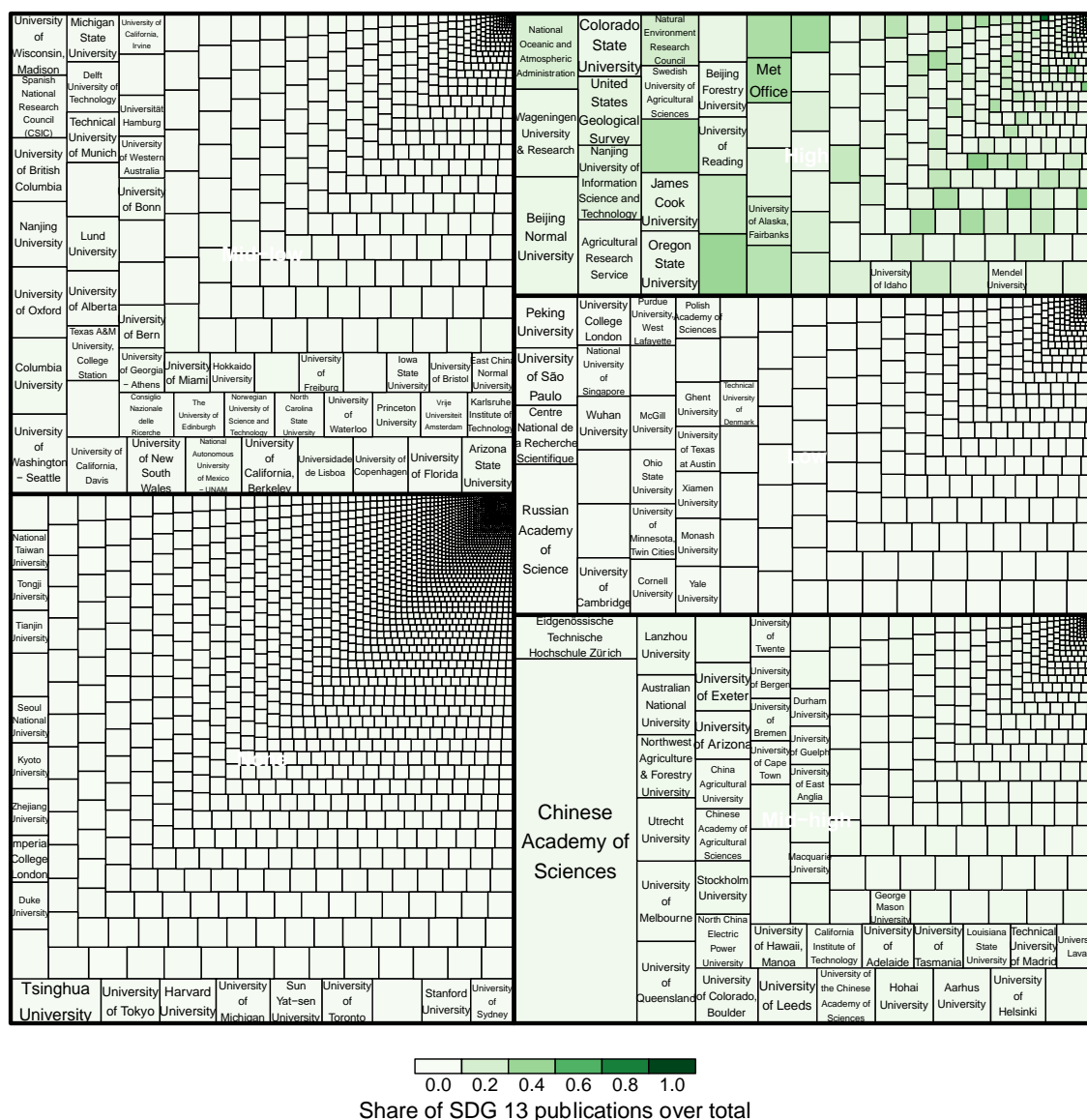
Notes: Contribution to SDG11 (Small Box size): organisation's contribution to SDG11-related publications relative to the world (measured as the share of SDG11-related publications over all SDG11-related publications in the world); **SDG11-intensity (Box color density):** share of SDG11-related publications over total publications in the organisation; **SDG11 Specialisation (Large boxes):** relative specialisation of an organisation in SDG11 vis-a vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG11 and the world share of publications related to SDG11 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 28: SDG12 Publications by organisation: count, share and specialisation (2015-19)



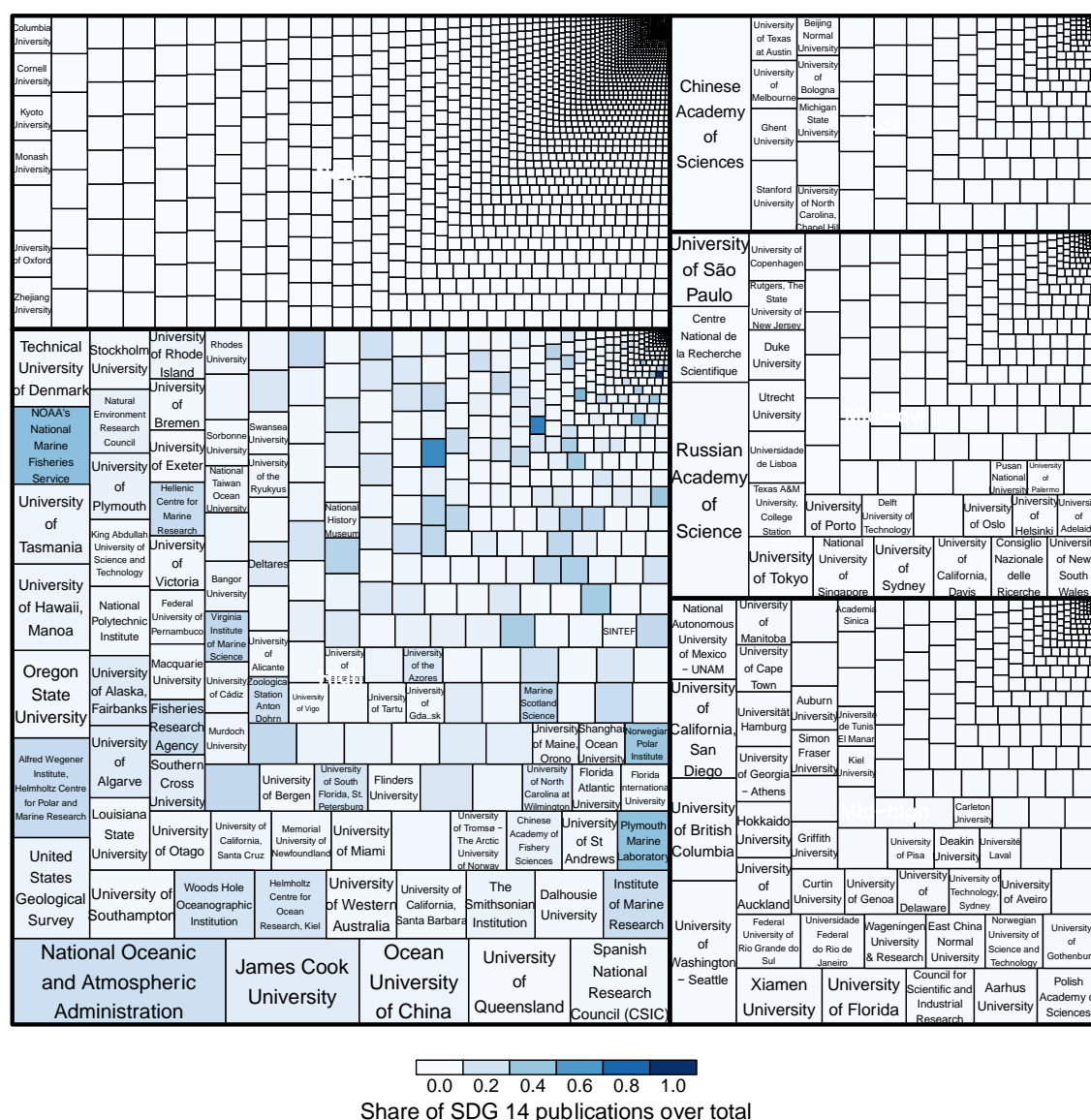
Notes: **Contribution to SDG12 (Small Box size)**: organisation's contribution to SDG12-related publications relative to the world (measured as the share of SDG12-related publications over all SDG12-related publications in the world); **SDG12-intensity (Box color density)**: share of SDG12-related publications over total publications in the organisation; **SDG12 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG12 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG12 and the world share of publications related to SDG12 (Balassa index)); **None**: Balassa relative specialisation index below 1; **Low**: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; **Mid-low**: Balassa relative specialisation index in the second quartile of organisations with an index above 1; **Mid-high**: Balassa relative specialisation index in the third quartile of organisations with an index above 1; **High**: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 29: SDG13 Publications by organisation: count, share and specialisation (2015-19)



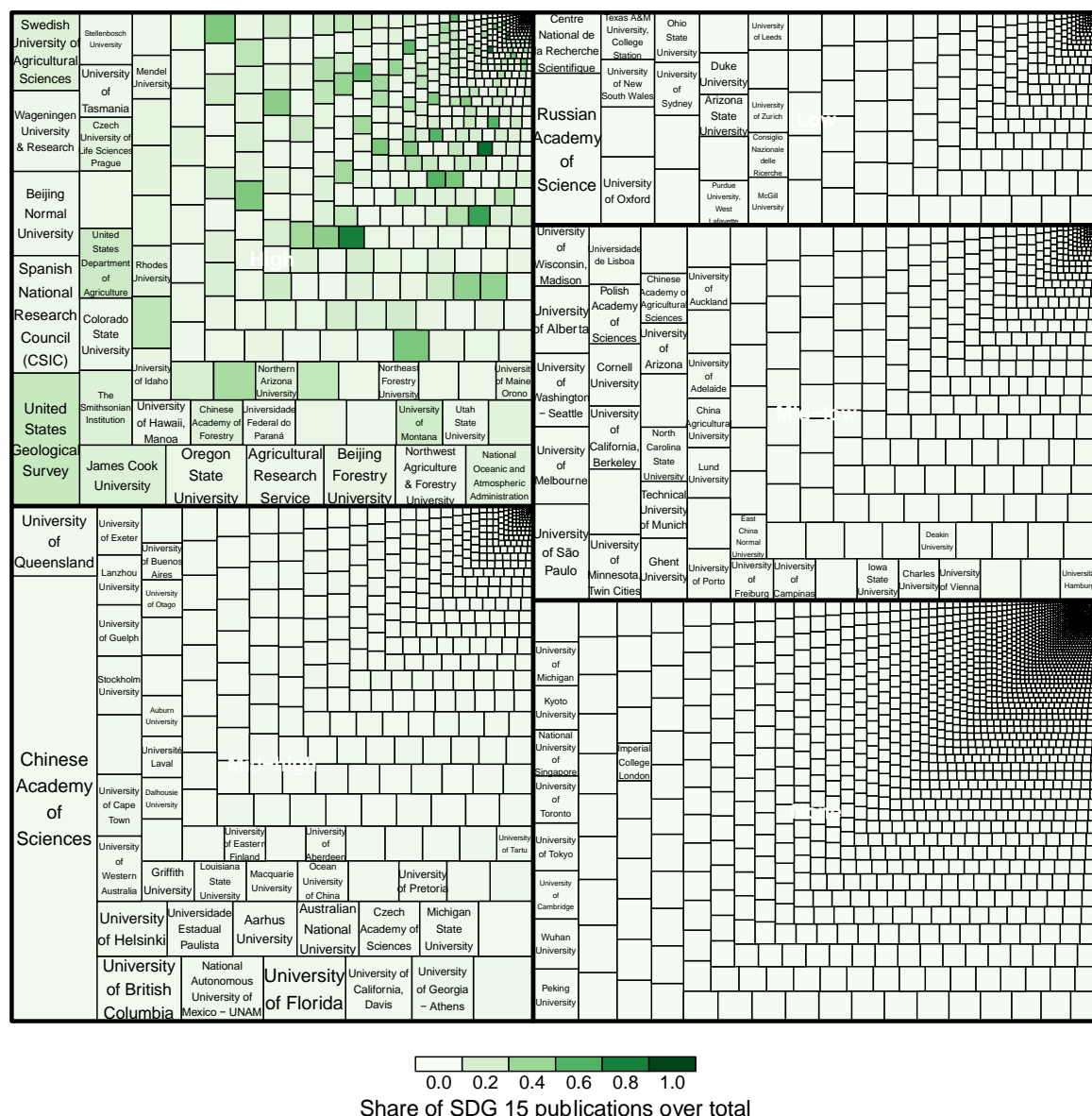
Notes: **Contribution to SDG13 (Small Box size)**: organisation's contribution to SDG13-related publications relative to the world (measured as the share of SDG13-related publications over all SDG13-related publications in the world); **SDG13-intensity (Box color density)**: share of SDG13-related publications over total publications in the organisation; **SDG13 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG13 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG13 and the world share of publications related to SDG13 (Balassa index)); **None**: Balassa relative specialisation index below 1; **Low**: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; **Mid-low**: Balassa relative specialisation index in the second quartile of organisations with an index above 1; **Mid-high**: Balassa relative specialisation index in the third quartile of organisations with an index above 1; **High**: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 30: SDG14 Publications by organisation: count, share and specialisation (2015-19)



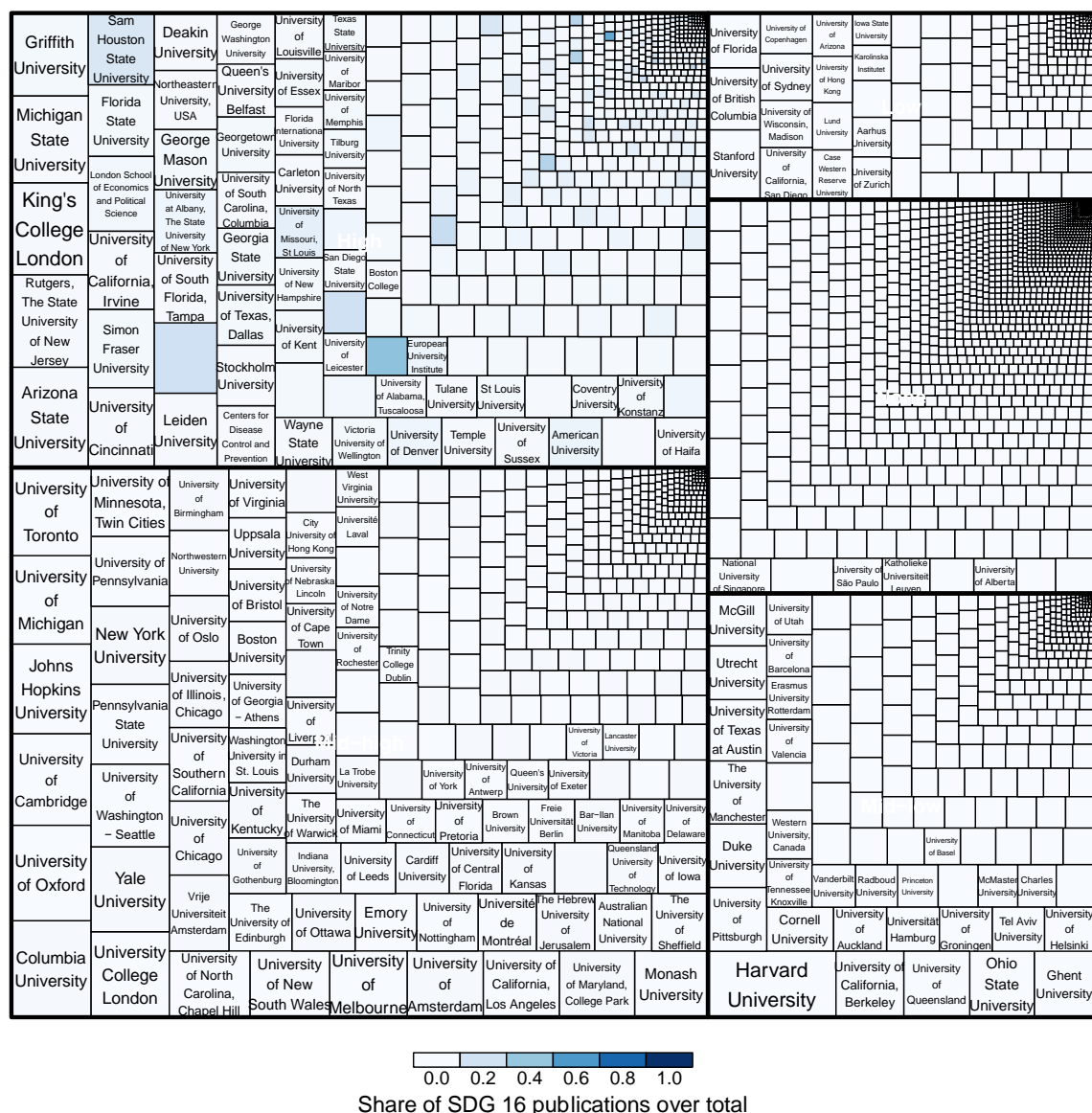
Notes: **Contribution to SDG14 (Small Box size)**: organisation's contribution to SDG14-related publications relative to the world (measured as the share of SDG14-related publications over all SDG14-related publications in the world); **SDG14-intensity (Box color density)**: share of SDG14-related publications over total publications in the organisation; **SDG14 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG14 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG14 and the world share of publications related to SDG14 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 31: SDG15 Publications by organisation: count, share and specialisation (2015-19)



Notes: Contribution to SDG15 (Small Box size): organisation's contribution to SDG15-related publications relative to the world (measured as the share of SDG15-related publications over all SDG15-related publications in the world); **SDG15-intensity (Box color density):** share of SDG15-related publications over total publications in the organisation; **SDG15 Specialisation (Large boxes):** relative specialisation of an organisation in SDG15 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG15 and the world share of publications related to SDG15 (Balassa index)); **None:** Balassa relative specialisation index below 1; **Low:** Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; **Mid-low:** Balassa relative specialisation index in the second quartile of organisations with an index above 1; **Mid-high:** Balassa relative specialisation index in the third quartile of organisations with an index above 1; **High:** Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

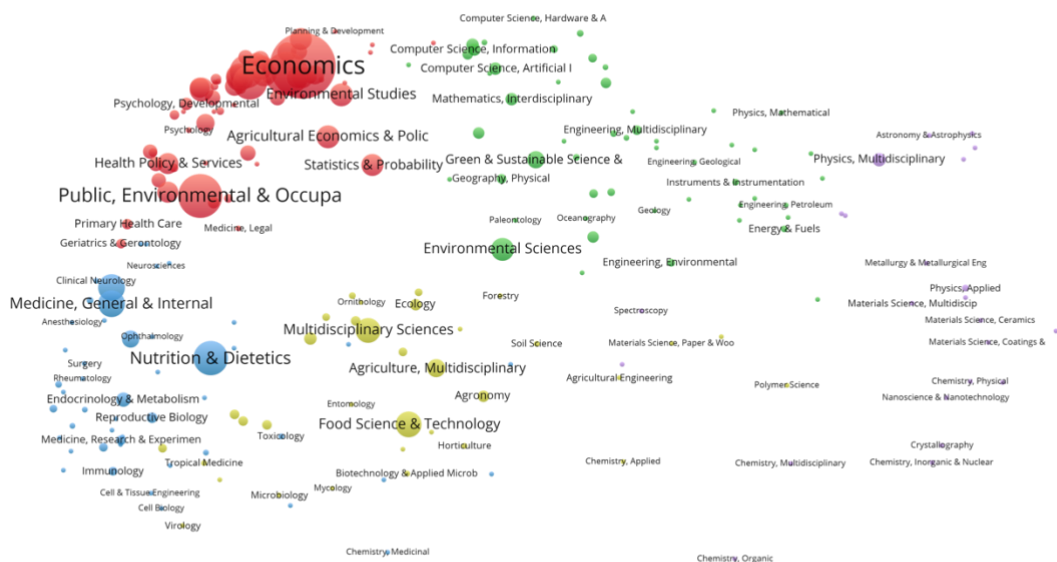
Figure 32: SDG16 Publications by organisation: count, share and specialisation (2015-19)



Notes: **Contribution to SDG16 (Small Box size)**: organisation's contribution to SDG16-related publications relative to the world (measured as the share of SDG16-related publications over all SDG16-related publications in the world); **SDG16-intensity (Box color density)**: share of SDG16-related publications over total publications in the organisation; **SDG16 Specialisation (Large boxes)**: relative specialisation of an organisation in SDG16 vis-a-vis other SDGs (measured as the ratio between the within organisation share of publications related to SDG16 and the world share of publications related to SDG16 (Balassa index)); *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of organisations with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of organisations with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of organisations with an index above 1; *High*: Balassa relative specialisation index in the top quartile of organisations with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

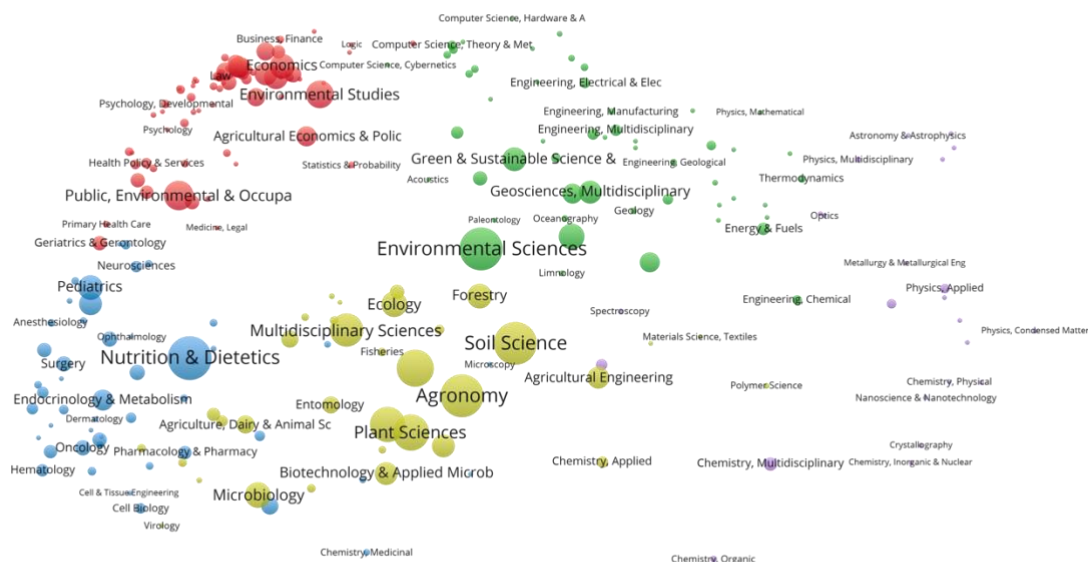
1.3 Which disciplines contribute to SDG-related research?

Figure 33: Map of SDG-related publications' disciplinary focus: SDG 1



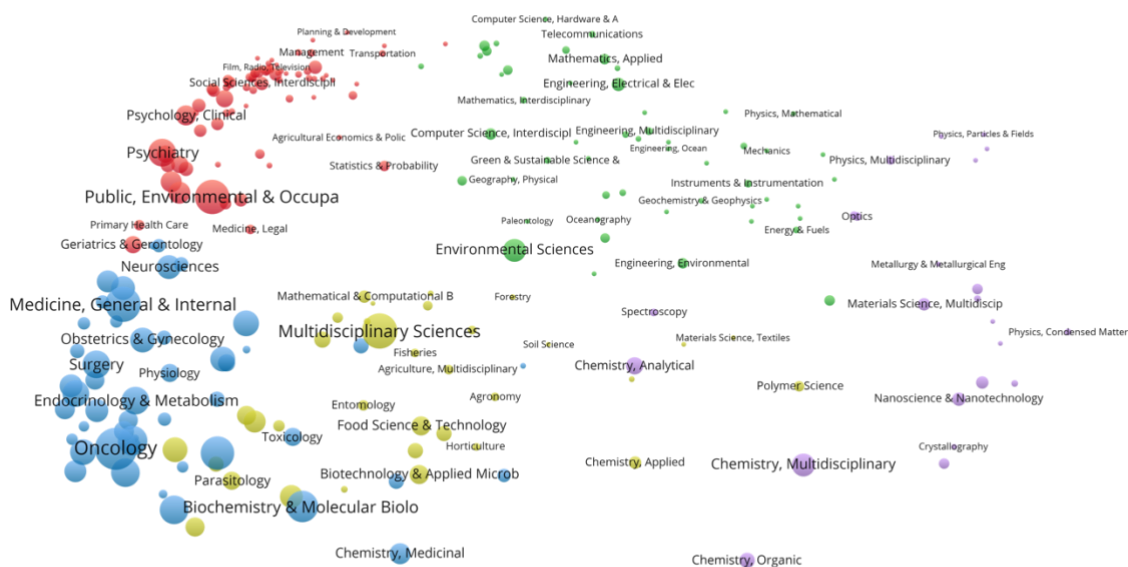
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG1. Some labels are dropped to improve readability.

Figure 34: Map of SDG-related publications' disciplinary focus: SDG 2



Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG2. Some labels are dropped to improve readability.

Figure 35: Map of SDG-related publications' disciplinary focus: SDG 3

 VOSviewer

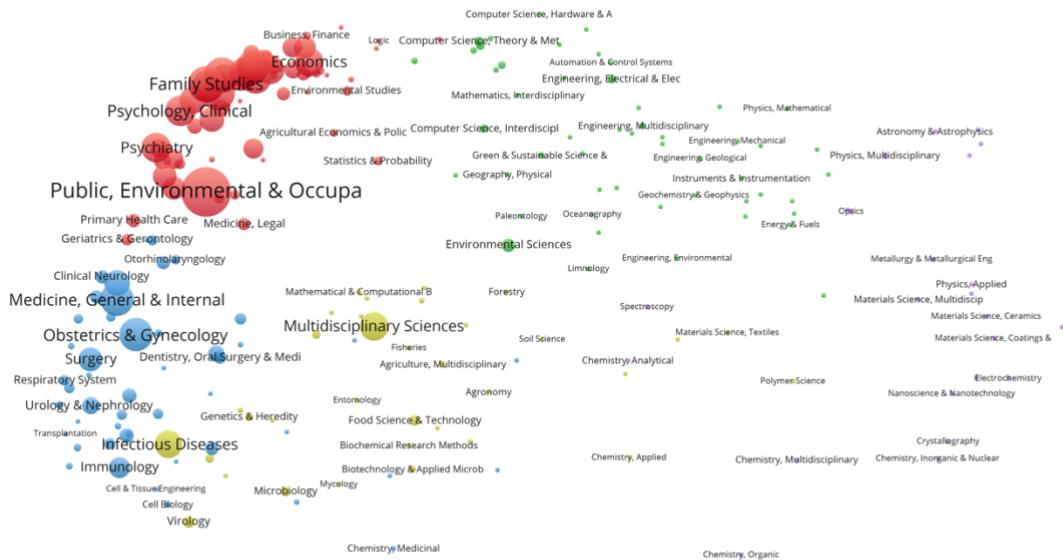
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG3. Some labels are dropped to improve readability.

Figure 36: Map of SDG-related publications' disciplinary focus: SDG 4



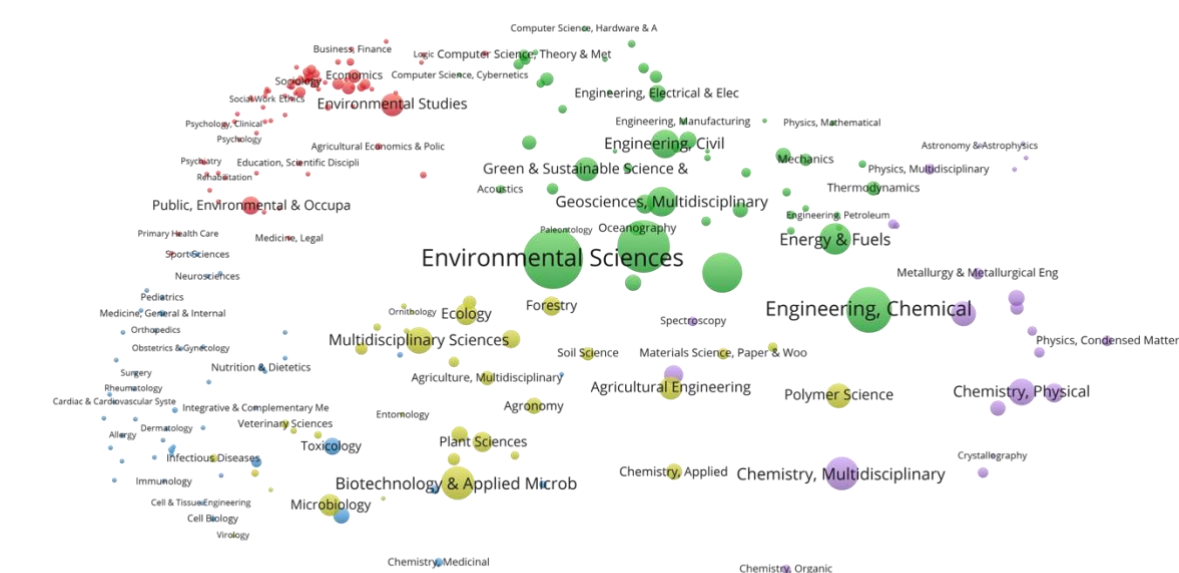
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG4. Some labels are dropped to improve readability.

Figure 37: Map of SDG-related publications' disciplinary focus: SDG 5

 VOSviewer

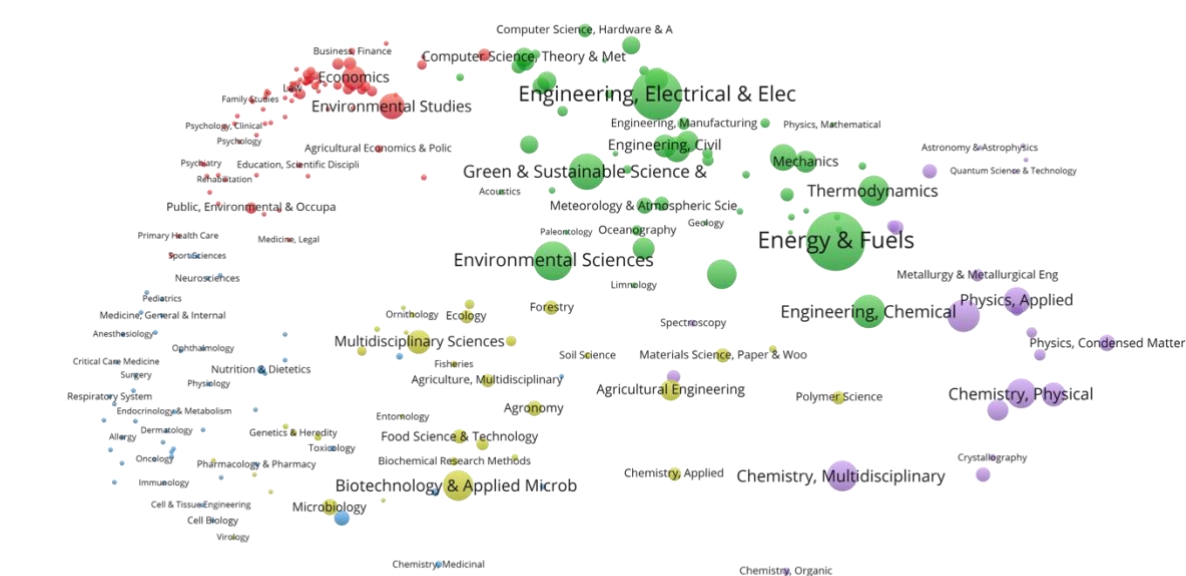
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG5. Some labels are dropped to improve readability.

Figure 38: Map of SDG-related publications' disciplinary focus: SDG 6



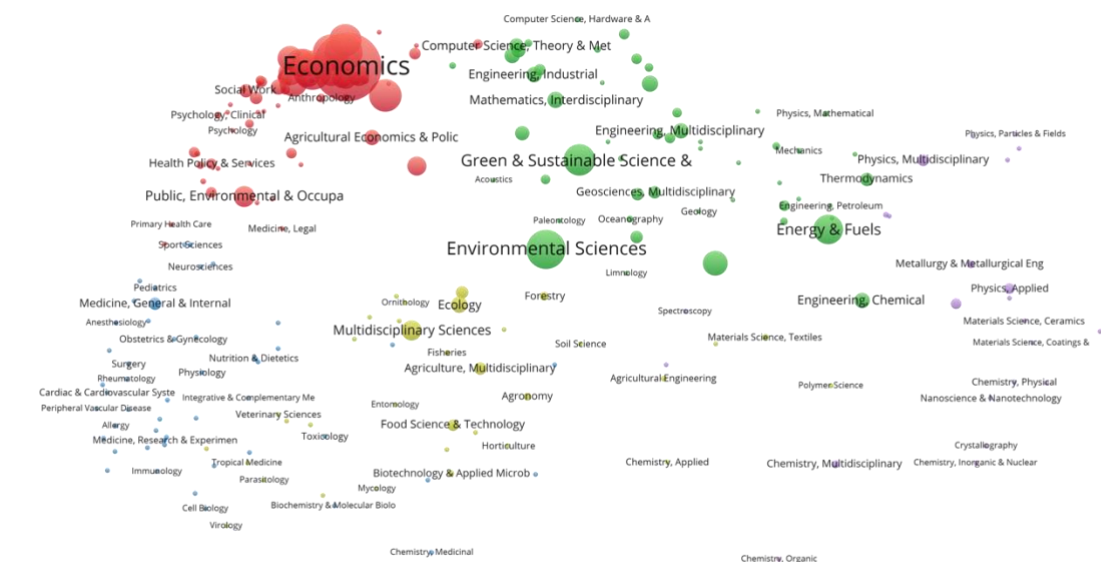
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG6. Some labels are dropped to improve readability.

Figure 39: Map of SDG-related publications' disciplinary focus: SDG 7

 VOSviewer

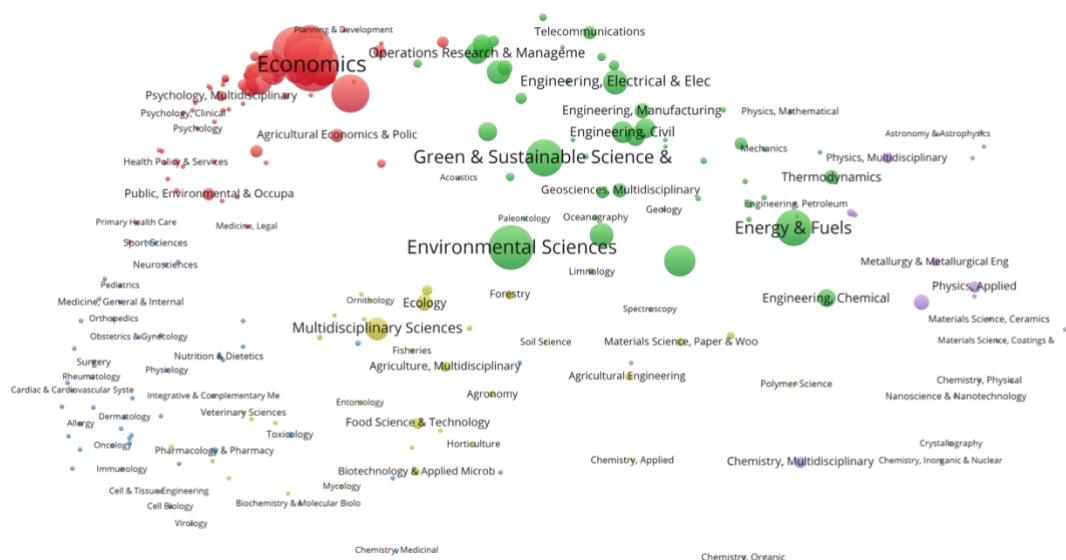
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG7. Some labels are dropped to improve readability.

Figure 40: Map of SDG-related publications' disciplinary focus: SDG 8

 VOSviewer

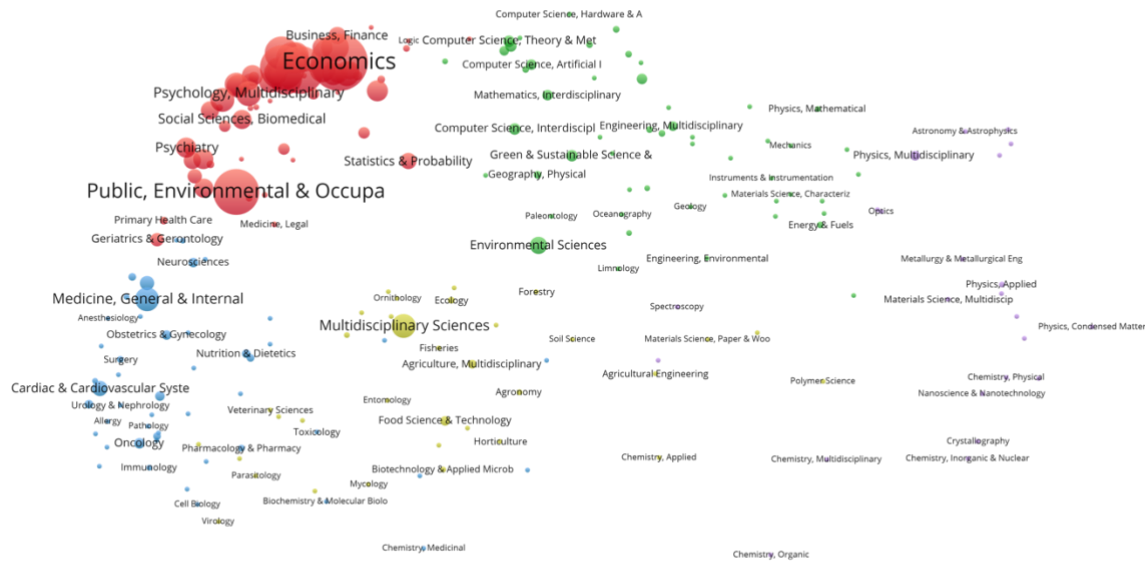
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG8. Some labels are dropped to improve readability.

Figure 41: Map of SDG-related publications' disciplinary focus: SDG 9



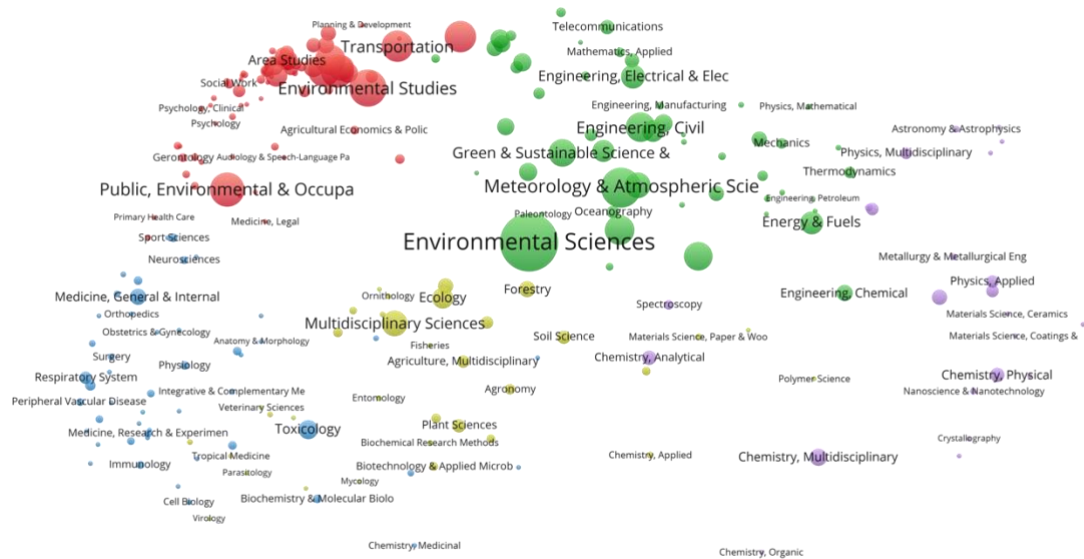
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG9. Some labels are dropped to improve readability.

Figure 42: Map of SDG-related publications' disciplinary focus: SDG 10

 VOSviewer

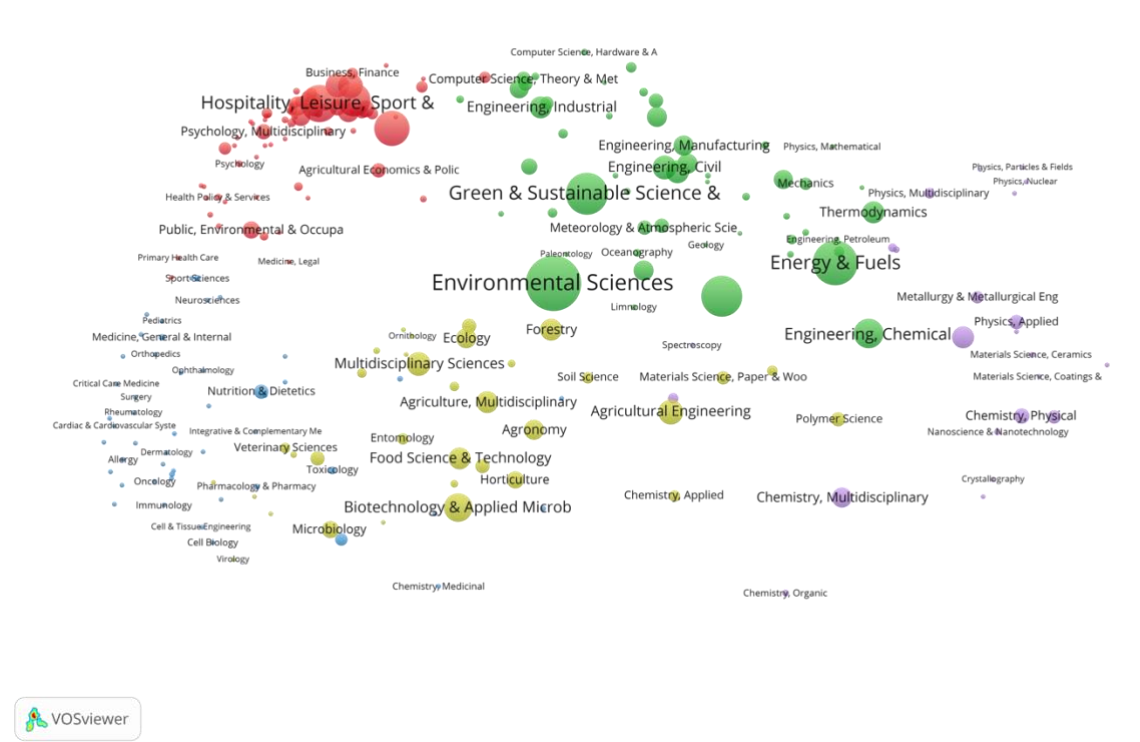
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG10. Some labels are dropped to improve readability.

Figure 43: Map of SDG-related publications' disciplinary focus: SDG 11

 VOSviewer


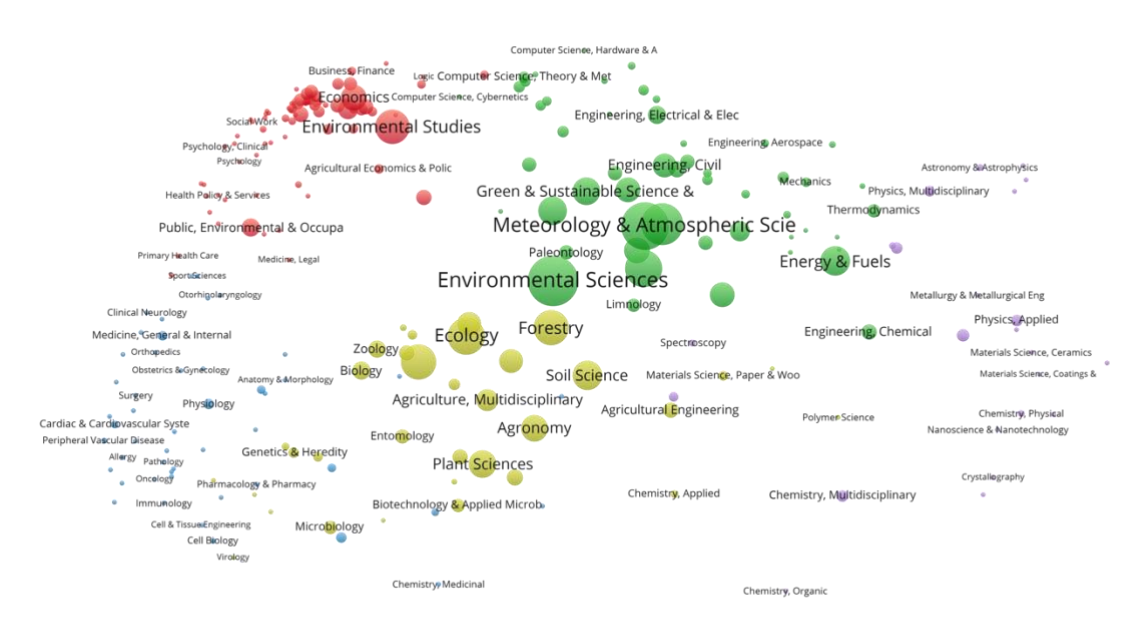
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG11. Some labels are dropped to improve readability.

Figure 44: Map of SDG-related publications' disciplinary focus: SDG 12



Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG12. Some labels are dropped to improve readability.

Figure 45: Map of SDG-related publications' disciplinary focus: SDG 13

 VOSviewer

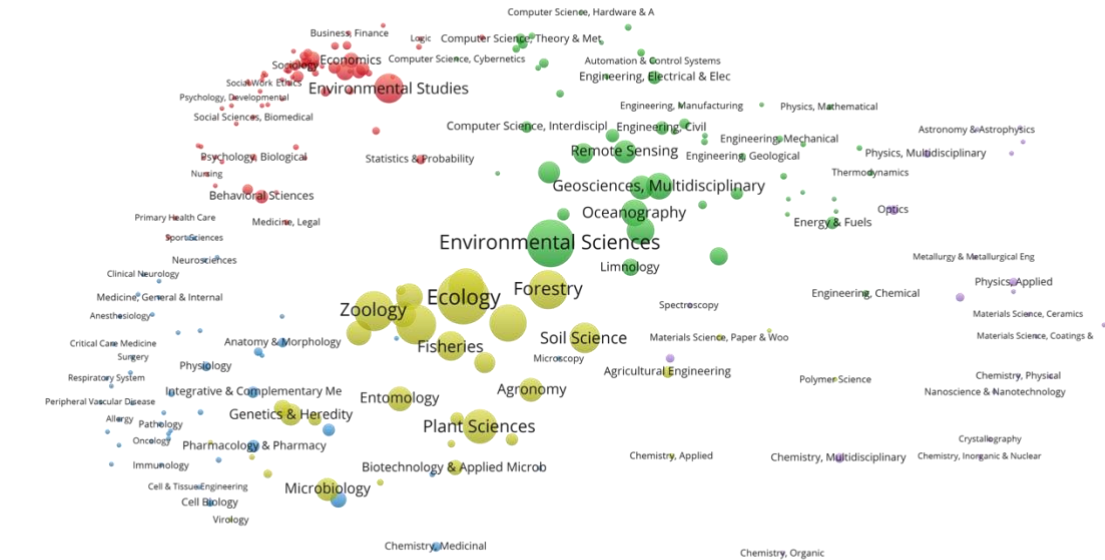
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG13. Some labels are dropped to improve readability.

Figure 46: Map of SDG-related publications' disciplinary focus: SDG 14



Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG14. Some labels are dropped to improve readability.

Figure 47: Map of SDG-related publications' disciplinary focus: SDG 15



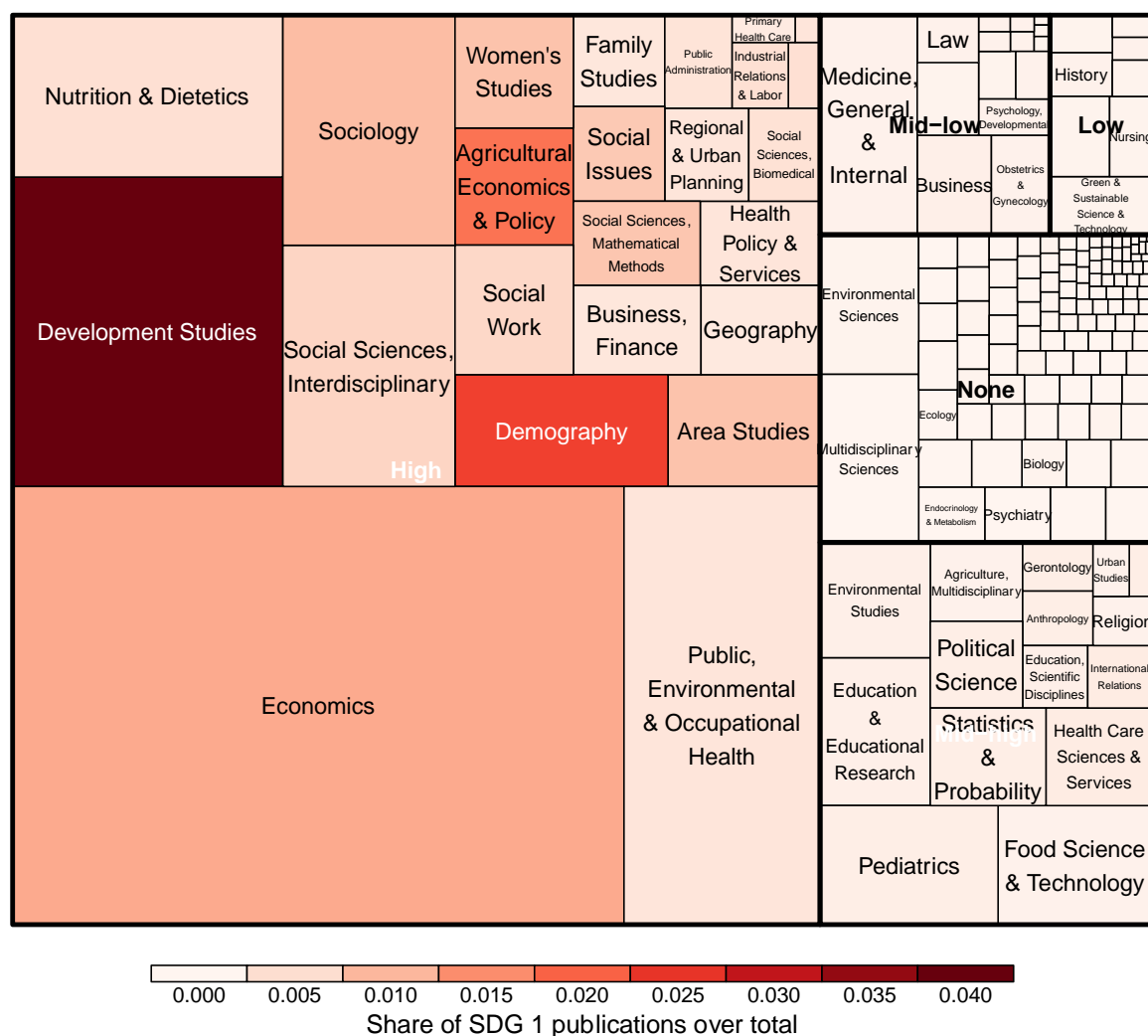
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG15. Some labels are dropped to improve readability.

Figure 48: Map of SDG-related publications' disciplinary focus: SDG 16



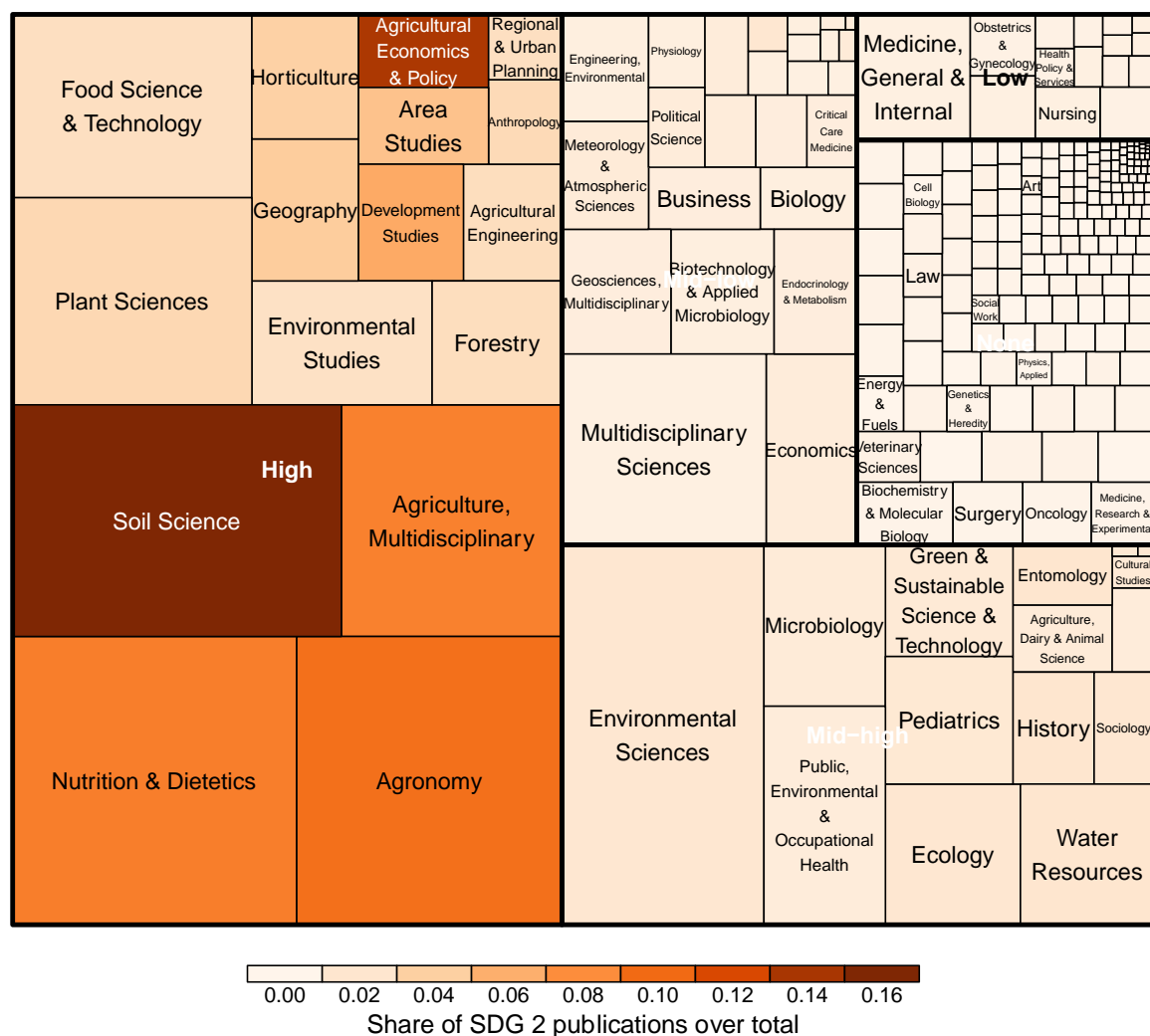
Notes: each circle represents one of the 254 subject categories in the Web of Science. The size of the circle is proportional to the relative number of publications in each discipline (subject category) over the total number of publication in SDG16. Some labels are dropped to improve readability.

Figure 49: : SDG1 Publications by discipline: count, share and specialisation (2015-19)



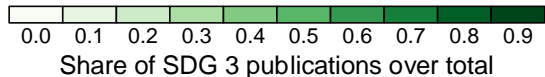
Notes: Contribution to SDG1 (small box size): discipline's contribution to SDG1-related publications relative to all other disciplines (measured as the number of SDG1-related publications in the discipline over all SDG1-related publications); **SDG1-intensity (small box color density):** share of SDG1-related publications over total publications in the discipline; **SDG1 Specialisation (large boxes):** relative specialisation of a discipline in SDG1 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG1 and the total share of publications related to SDG1 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 50: SDG2 Publications by discipline: count, share and specialisation (2015-19)



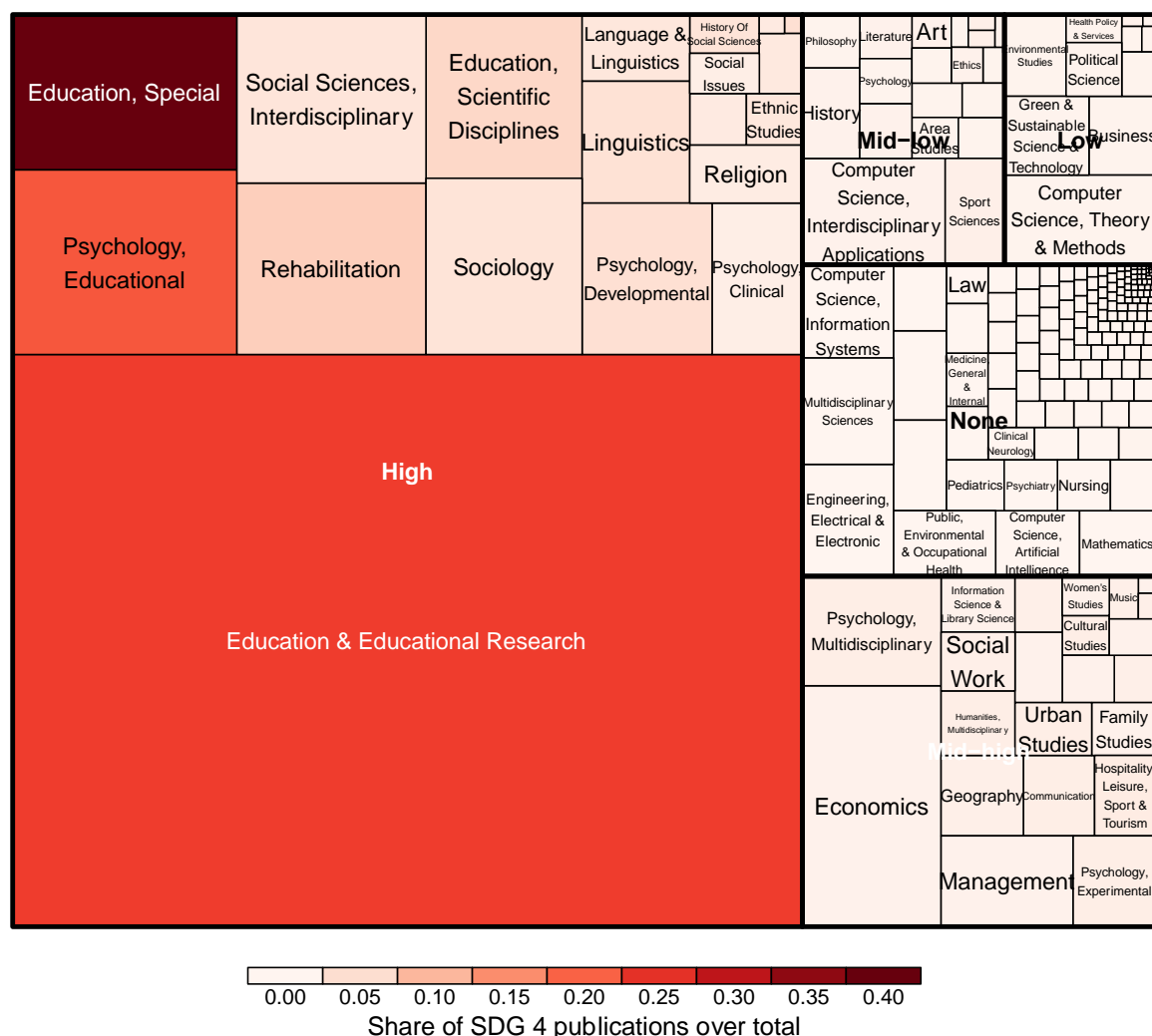
Notes: **Contribution to SDG2 (small box size)**: discipline's contribution to SDG2-related publications relative to all other disciplines (measured as the number of SDG2-related publications in the discipline over all SDG2-related publications); **SDG2-intensity (small box color density)**: share of SDG2-related publications over total publications in the discipline; **SDG2 Specialisation (large boxes)**: relative specialisation of a discipline in SDG2 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG2 and the total share of publications related to SDG2 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 51: SDG3 Publications by discipline: count, share and specialisation (2015-19)



Notes: **Contribution to SDG3 (small box size)**: discipline's contribution to SDG3-related publications relative to all other disciplines (measured as the number of SDG3-related publications in the discipline over all SDG3-related publications); **SDG3-intensity (small box color density)**: share of SDG3-related publications over total publications in the discipline; **SDG3 Specialisation (large boxes)**: relative specialisation of a discipline in SDG3 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG3 and the total share of publications related to SDG3 (Balassa index)); *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 52: SDG4 Publications by discipline: count, share and specialisation (2015-19)



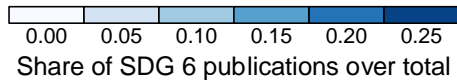
Notes: **Contribution to SDG4 (small box size):** discipline's contribution to SDG4-related publications relative to all other disciplines (measured as the number of SDG4-related publications in the discipline over all SDG4-related publications); **SDG4-intensity (small box color density):** share of SDG4-related publications over total publications in the discipline; **SDG4 Specialisation (large boxes):** relative specialisation of a discipline in SDG4 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG4 and the total share of publications related to SDG4 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 53: SDG5 Publications by discipline: count, share and specialisation (2015-19)



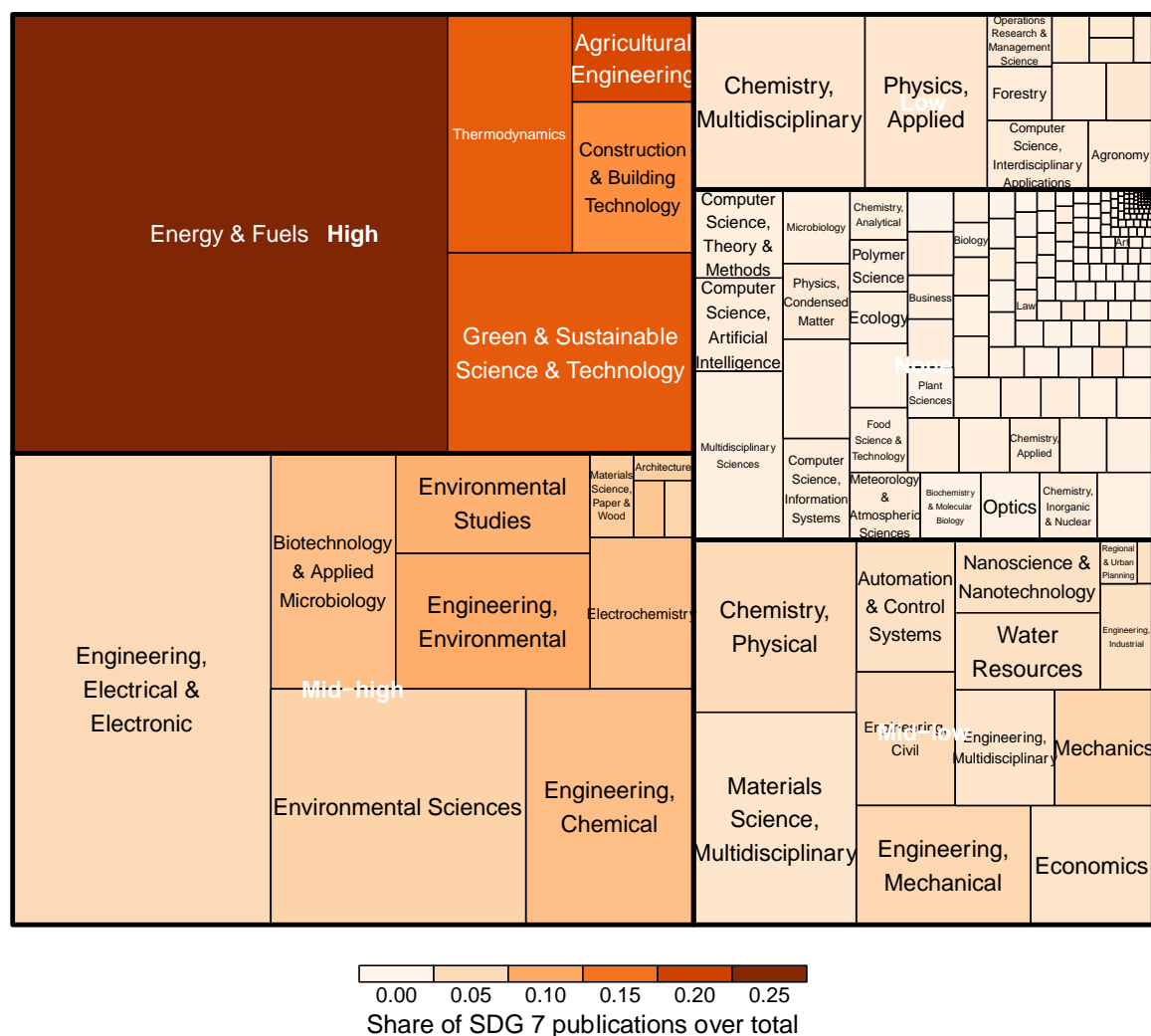
Notes: **Contribution to SDG5 (small box size):** discipline's contribution to SDG5-related publications relative to all other disciplines (measured as the number of SDG5-related publications in the discipline over all SDG5-related publications); **SDG5-intensity (small box color density):** share of SDG5-related publications over total publications in the discipline; **SDG5 Specialisation (large boxes):** relative specialisation of a discipline in SDG5 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG5 and the total share of publications related to SDG5 (Balassa index)); *None:* Balassa relative specialisation index below 1; *Low:* Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low:* Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high:* Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High:* Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 54: SDG6 Publications by discipline: count, share and specialisation (2015-19)



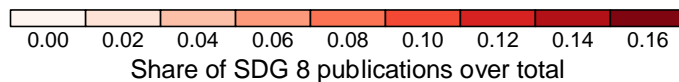
*Notes: **Contribution to SDG6 (small box size)**: discipline's contribution to SDG6-related publications relative to all other disciplines (measured as the number of SDG6-related publications in the discipline over all SDG6-related publications); **SDG6-intensity (small box color density)**: share of SDG6-related publications over total publications in the discipline; **SDG6 Specialisation (large boxes)**: relative specialisation of a discipline in SDG6 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG6 and the total share of publications related to SDG6 (Balassa index)); *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).*

Figure 55: SDG7 Publications by discipline: count, share and specialisation (2015-19)



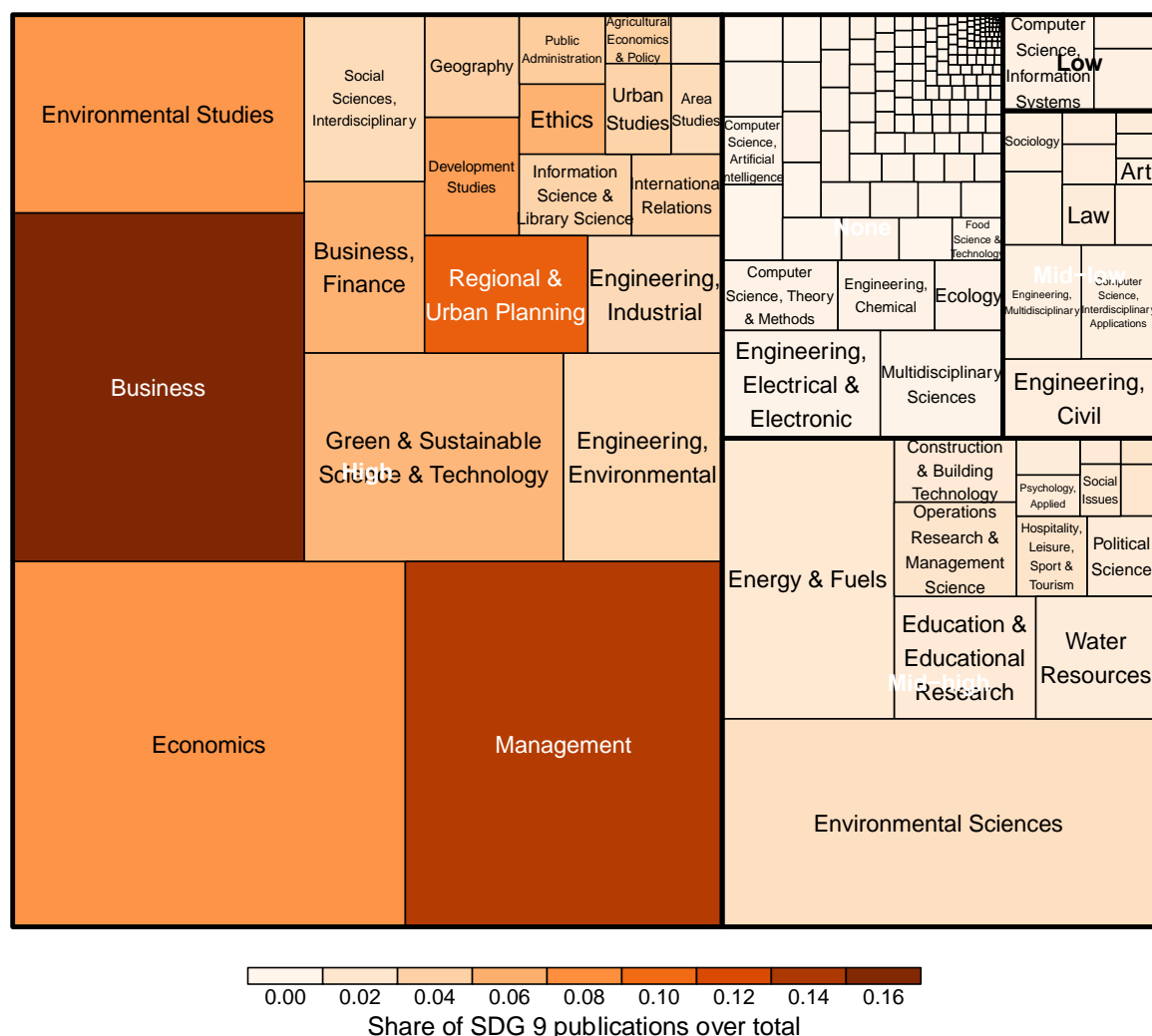
Notes: **Contribution to SDG7 (small box size)**: discipline's contribution to SDG7-related publications relative to all other disciplines (measured as the number of SDG7-related publications in the discipline over all SDG7-related publications); **SDG7-intensity (small box color density)**: share of SDG7-related publications over total publications in the discipline; **SDG7 Specialisation (large boxes)**: relative specialisation of a discipline in SDG7 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG7 and the total share of publications related to SDG7 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 56: SDG8 Publications by discipline: count, share and specialisation (2015-19)



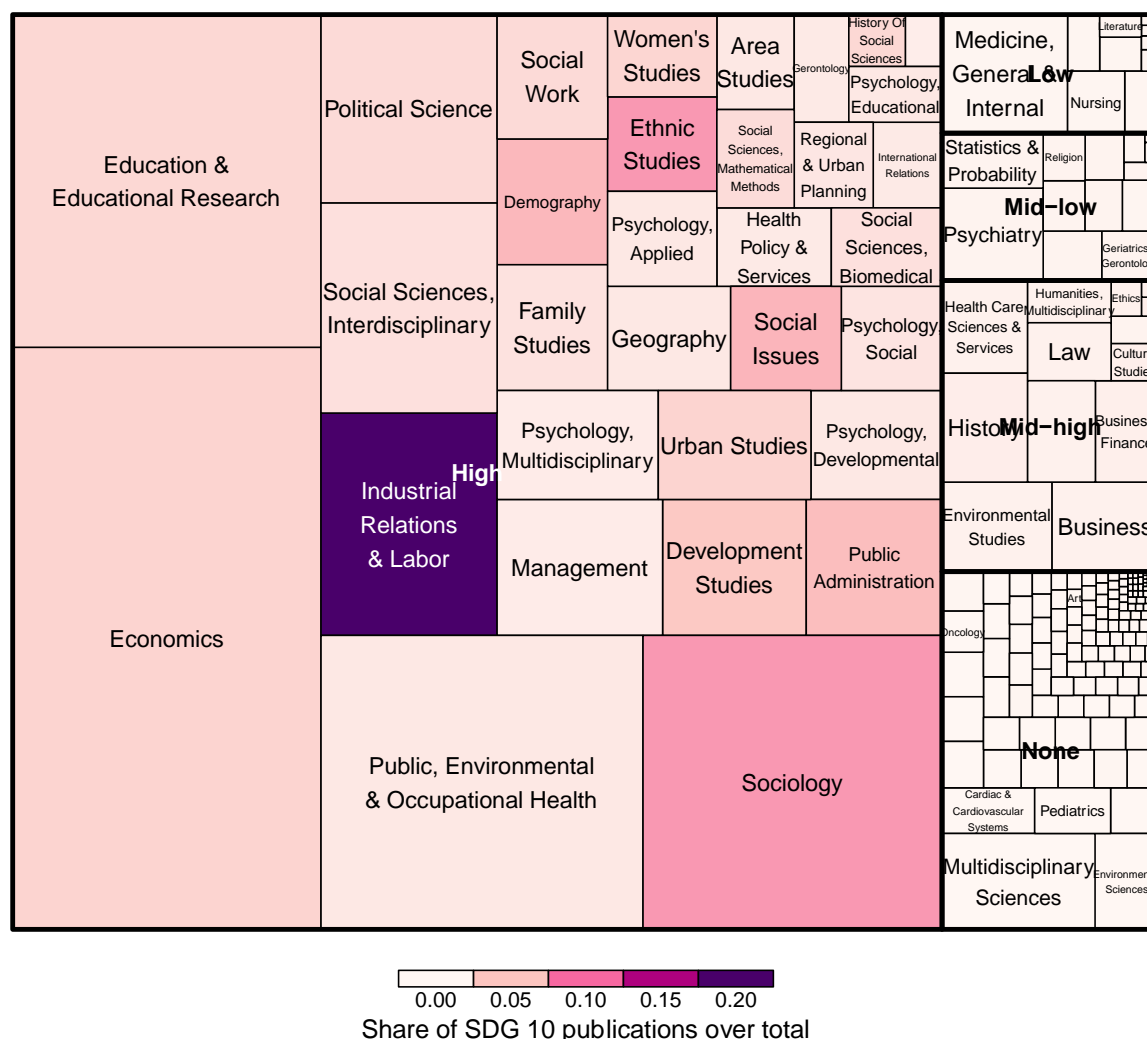
Notes: **Contribution to SDG8 (small box size):** discipline's contribution to SDG8-related publications relative to all other disciplines (measured as the number of SDG8-related publications in the discipline over all SDG8-related publications); **SDG8-intensity (small box color density):** share of SDG8-related publications over total publications in the discipline; **SDG8 Specialisation (large boxes):** relative specialisation of a discipline in SDG8 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG8 and the total share of publications related to SDG8 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 57: SDG9 Publications by discipline: count, share and specialisation (2015-19)



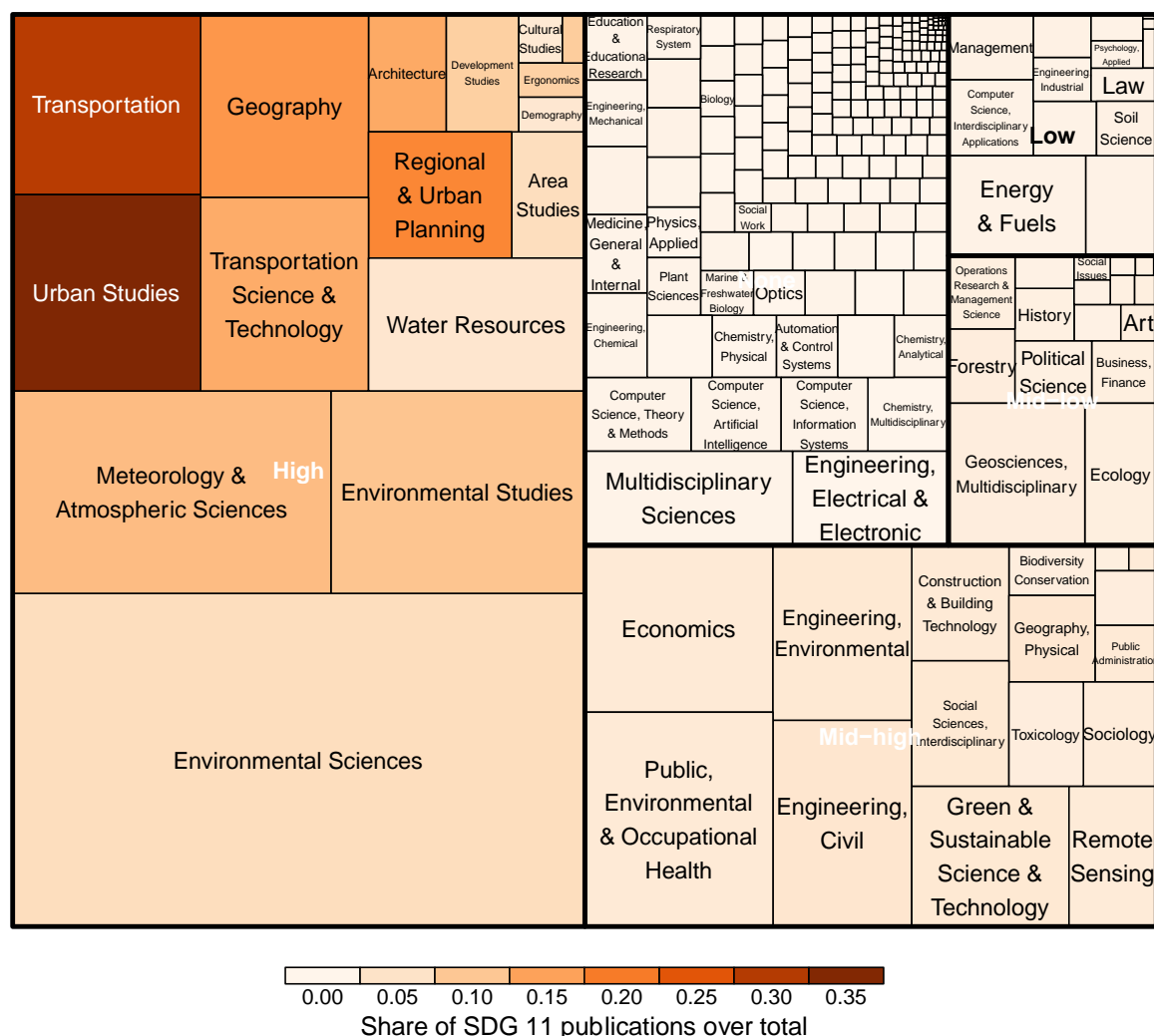
Notes: **Contribution to SDG9 (small box size)**: discipline's contribution to SDG9-related publications relative to all other disciplines (measured as the number of SDG9-related publications in the discipline over all SDG9-related publications); **SDG9-intensity (small box color density)**: share of SDG9-related publications over total publications in the discipline; **SDG9 Specialisation (large boxes)**: relative specialisation of a discipline in SDG9 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG9 and the total share of publications related to SDG9 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 58: SDG10 Publications by discipline: count, share and specialisation (2015-19)



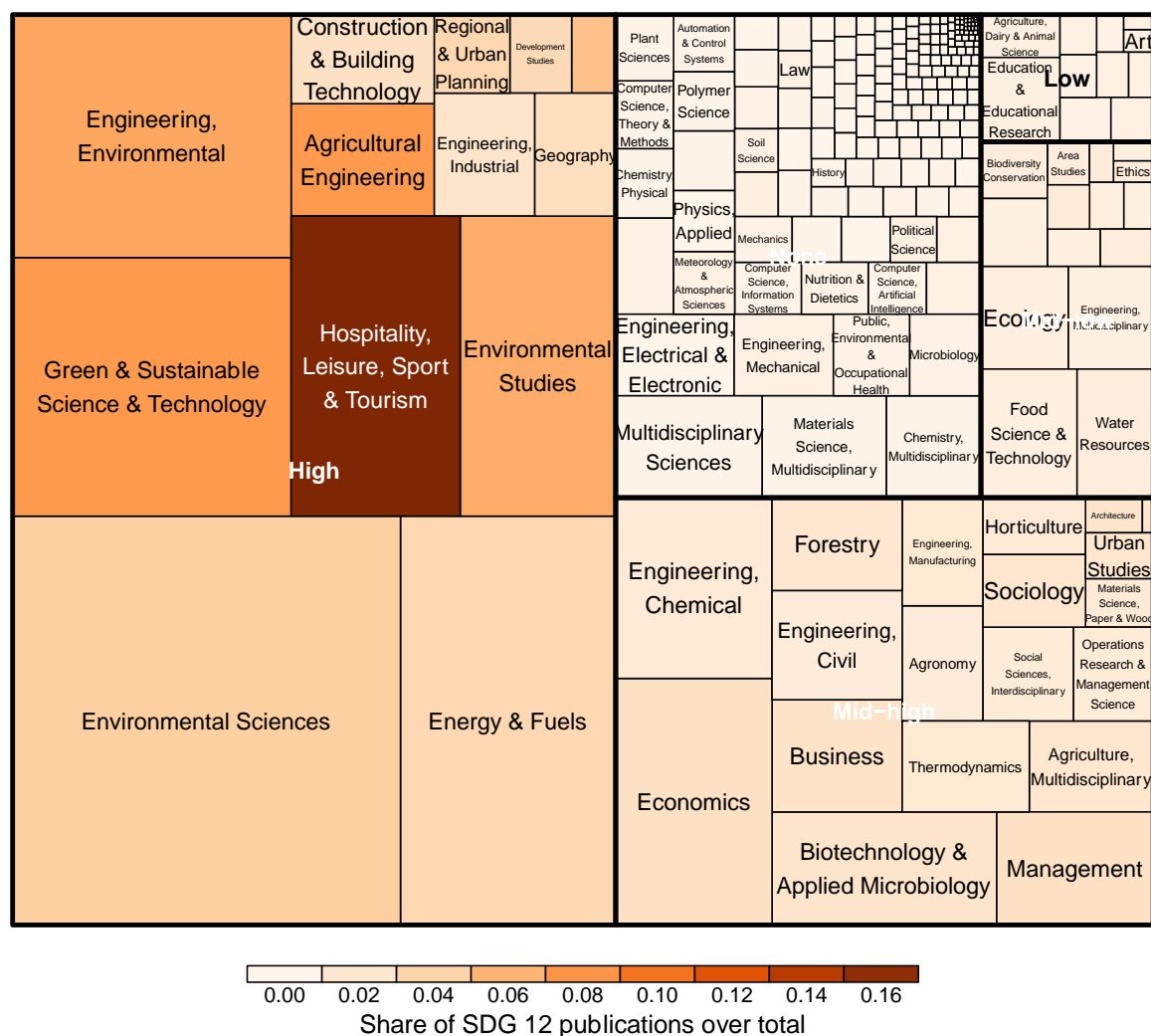
Notes: **Contribution to SDG10 (small box size):** discipline's contribution to SDG10-related publications relative to all other disciplines (measured as the number of SDG10-related publications in the discipline over all SDG10-related publications); **SDG10-intensity (small box color density):** share of SDG10-related publications over total publications in the discipline; **SDG10 Specialisation (large boxes):** relative specialisation of a discipline in SDG10 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG10 and the total share of publications related to SDG10 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 59: SDG11 Publications by discipline: count, share and specialisation (2015-19)



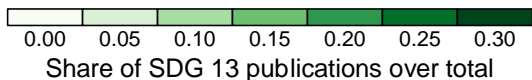
Notes: Contribution to SDG11 (small box size): discipline's contribution to SDG11-related publications relative to all other disciplines (measured as the number of SDG11-related publications in the discipline over all SDG11-related publications); **SDG11-intensity (small box color density):** share of SDG11-related publications over total publications in the discipline; **SDG11 Specialisation (large boxes):** relative specialisation of a discipline in SDG11 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG11 and the total share of publications related to SDG11 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 60: SDG12 Publications by discipline: count, share and specialisation (2015-19)



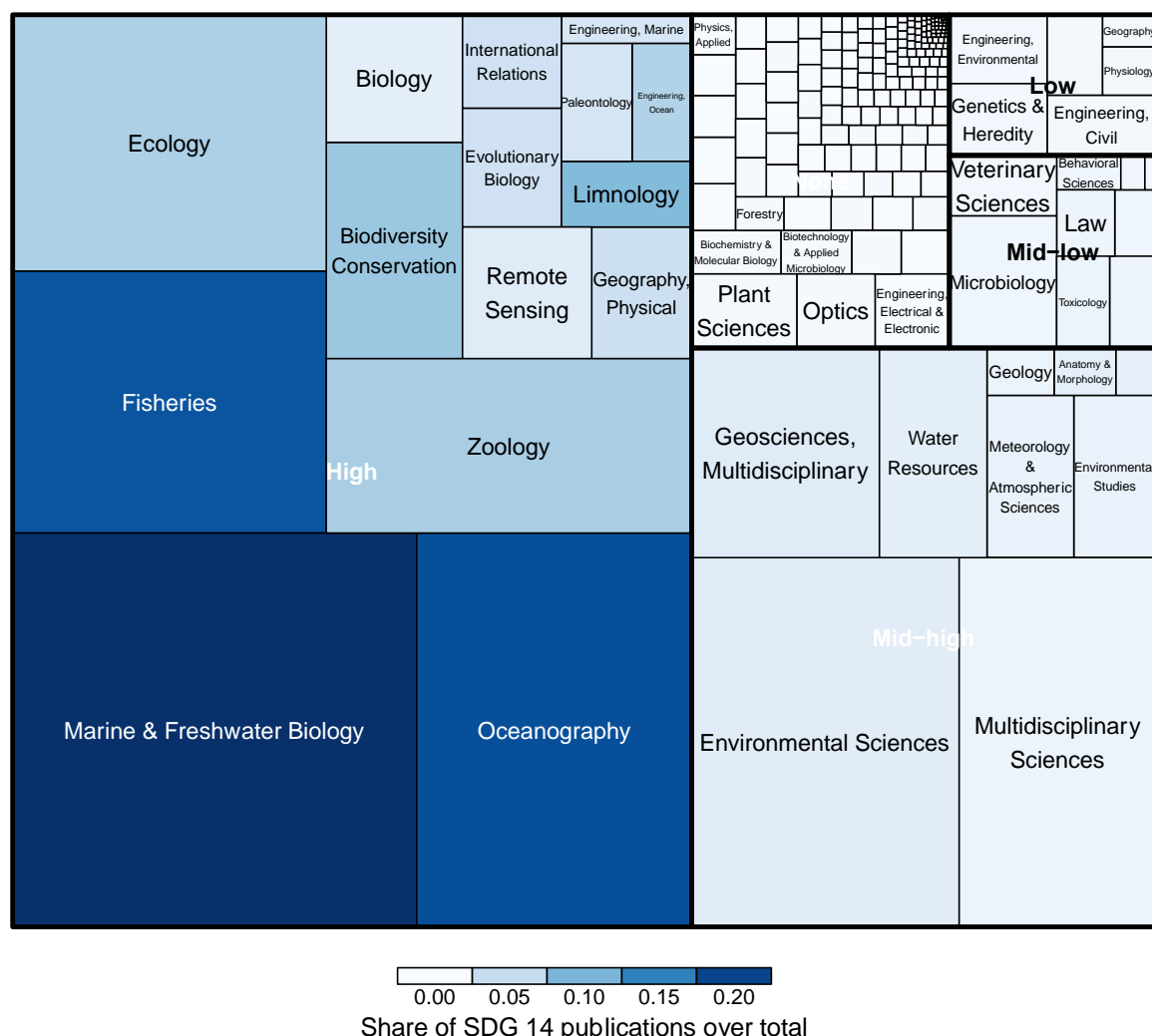
Notes: Contribution to SDG12 (small box size): discipline's contribution to SDG12-related publications relative to all other disciplines (measured as the number of SDG12-related publications in the discipline over all SDG12-related publications); **SDG12-intensity (small box color density):** share of SDG12-related publications over total publications in the discipline; **SDG12 Specialisation (large boxes):** relative specialisation of a discipline in SDG12 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG12 and the total share of publications related to SDG12 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 61: SDG13 Publications by discipline: count, share and specialisation (2015-19)



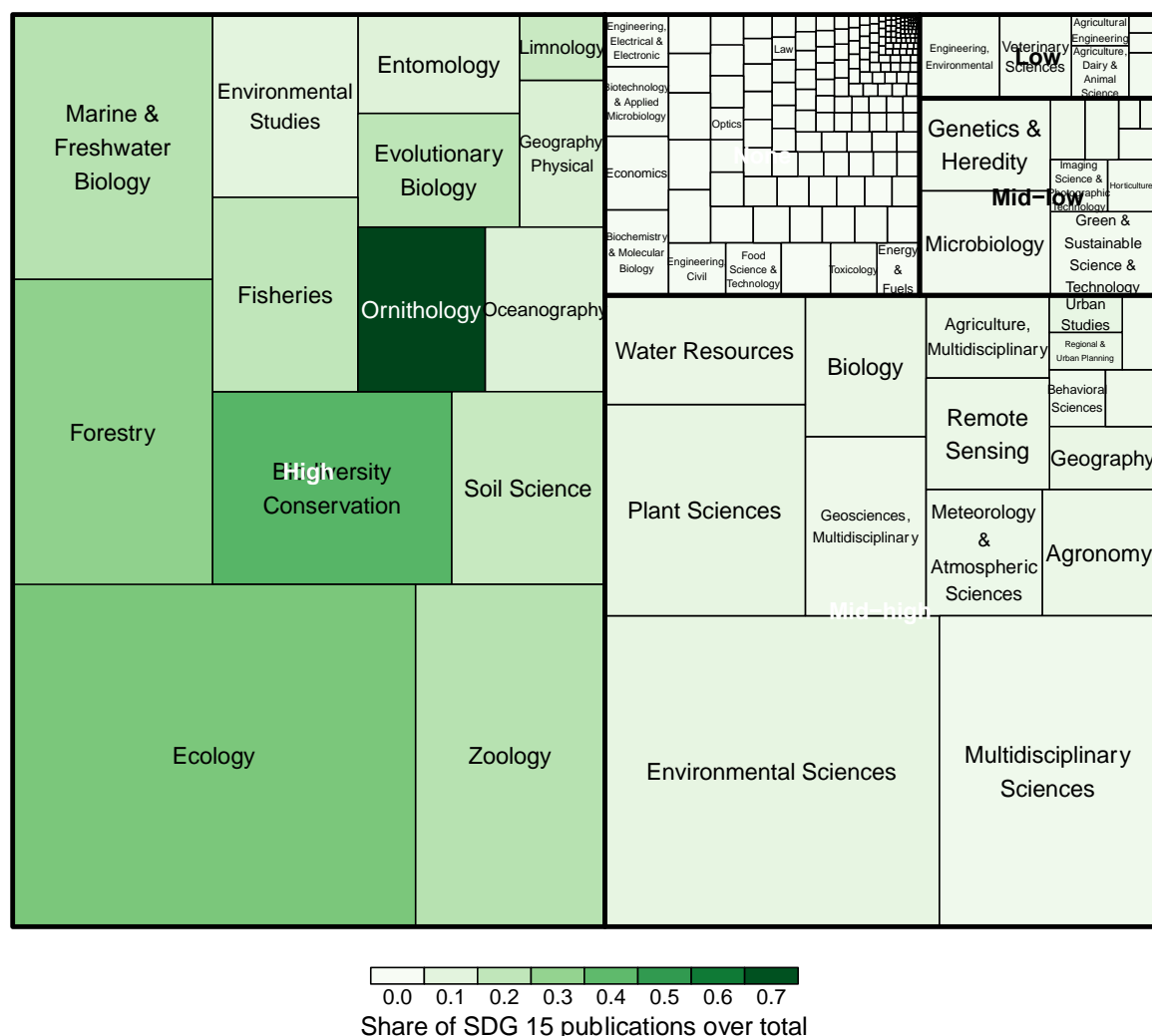
Notes: **Contribution to SDG13 (small box size)**: discipline's contribution to SDG13-related publications relative to all other disciplines (measured as the number of SDG13-related publications in the discipline over all SDG13-related publications); **SDG13-intensity (small box color density)**: share of SDG13-related publications over total publications in the discipline; **SDG13 Specialisation (large boxes)**: relative specialisation of a discipline in SDG13 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG13 and the total share of publications related to SDG13 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 62: SDG14 Publications by discipline: count, share and specialisation (2015-19)



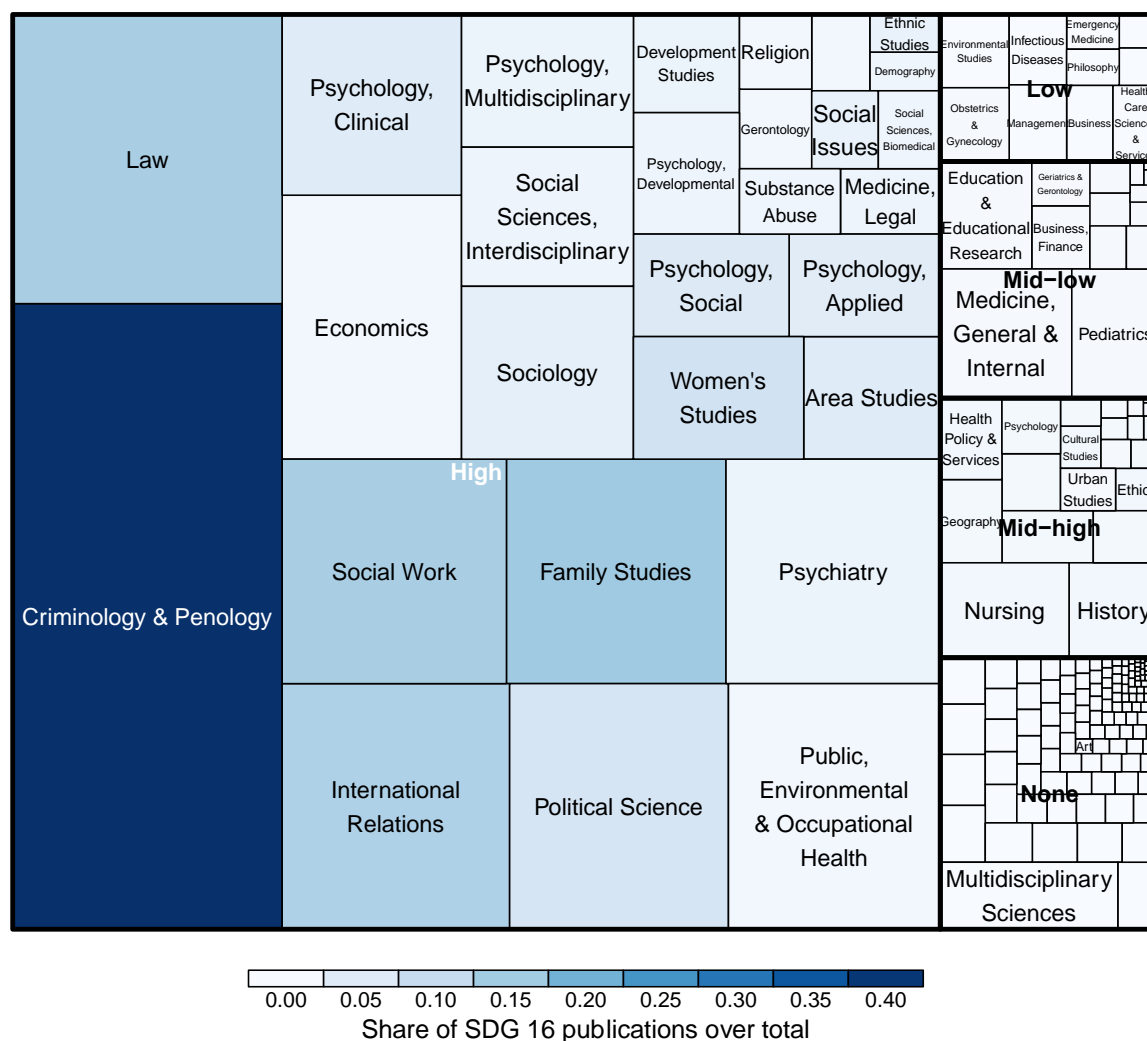
Notes: **Contribution to SDG14 (small box size)**: discipline's contribution to SDG14-related publications relative to all other disciplines (measured as the number of SDG14-related publications in the discipline over all SDG14-related publications); **SDG14-intensity (small box color density)**: share of SDG14-related publications over total publications in the discipline; **SDG14 Specialisation (large boxes)**: relative specialisation of a discipline in SDG14 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG14 and the total share of publications related to SDG14 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 63: SDG15 Publications by discipline: count, share and specialisation (2015-19)



Notes: Contribution to SDG15 (small box size): discipline's contribution to SDG15-related publications relative to all other disciplines (measured as the number of SDG15-related publications in the discipline over all SDG15-related publications); **SDG15-intensity (small box color density):** share of SDG15-related publications over total publications in the discipline; **SDG15 Specialisation (large boxes):** relative specialisation of a discipline in SDG15 vis-a vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG15 and the total share of publications related to SDG16 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Figure 64: SDG16 Publications by discipline: count, share and specialisation (2015-19)



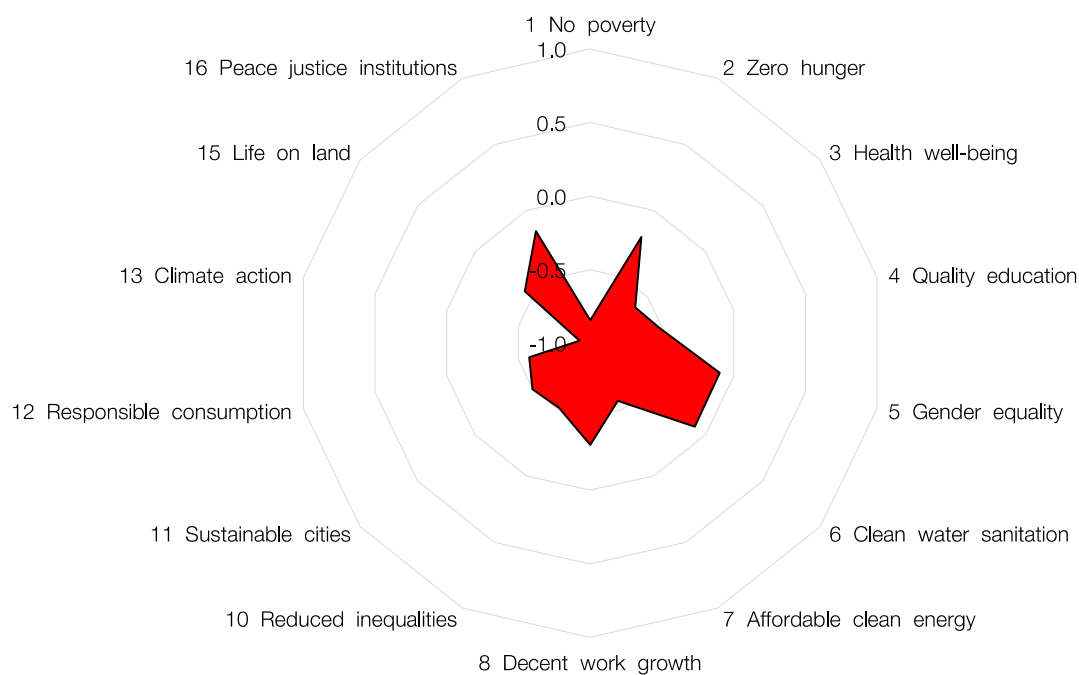
Notes: **Contribution to SDG16 (small box size)**: discipline's contribution to SDG16-related publications relative to all other disciplines (measured as the number of SDG16-related publications in the discipline over all SDG16-related publications); **SDG16-intensity (small box color density)**: share of SDG16-related publications over total publications in the discipline; **SDG16 Specialisation (large boxes)**: relative specialisation of a discipline in SDG16 vis-a-vis other SDGs (measured as the ratio between the within discipline share of publications related to SDG16 and the total share of publications related to SDG16 (Balassa index)): *None*: Balassa relative specialisation index below 1; *Low*: Balassa relative specialisation index in the bottom quartile of disciplines with an index above 1; *Mid-low*: Balassa relative specialisation index in the second quartile of disciplines with an index above 1; *Mid-high*: Balassa relative specialisation index in the third quartile of disciplines with an index above 1; *High*: Balassa relative specialisation index in the top quartile of disciplines with an index above 1. Strict representation of SDG-related research. Figures based on Web of Science data (CWTS version).

Supplementary Figures 2: STI-SDG alignment across countries

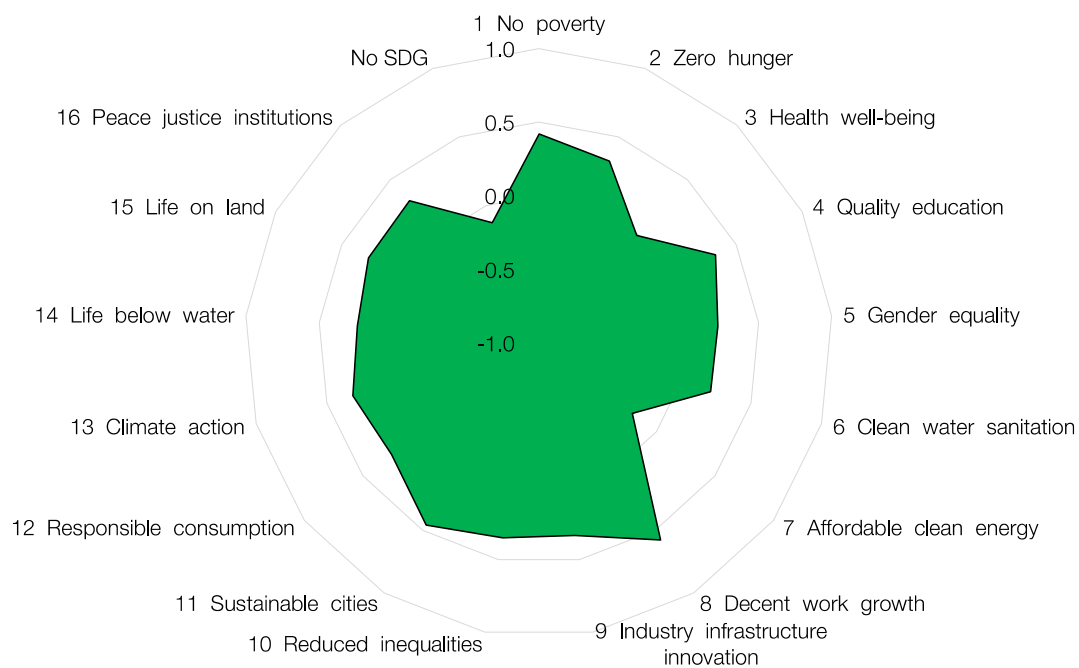
2.1. SDG challenges and research priorities in all countries for which data is available

Albania – 66	Ghana – 108	Pakistan – 150
Algeria – 67	Greece – 109	Panama – 151
Argentina – 68	Hungary – 110	Peru – 152
Armenia – 69	Iceland – 111	Philippines – 153
Australia – 70	India – 112	Poland – 154
Austria – 71	Indonesia – 113	Portugal – 155
Azerbaijan – 72	Iran – 114	Qatar – 156
Bahrain – 73	Iraq – 115	Romania – 157
Bangladesh – 74	Ireland – 116	Russia – 158
Belarus – 75	Israel – 117	Rwanda – 159
Belgium – 76	Italy – 118	Saudi Arabia – 160
Benin – 77	Jamaica – 119	Senegal – 161
Bolivia – 78	Japan – 120	Serbia – 162
Bosnia and Herzeg. – 79	Jordan – 121	Singapore – 163
Botswana – 80	Kazakhstan – 122	Slovak Republic – 164
Brazil – 81	Kenya – 123	Slovenia – 165
Brunei – 82	Kuwait – 124	South Africa – 166
Bulgaria – 83	Latvia – 125	South Korea – 167
Burkina Faso – 84	Lebanon – 126	Spain – 168
Cambodia – 85	Libya – 127	Sri Lanka – 169
Cameroon – 86	Lithuania – 128	Sudan – 170
Canada – 87	Luxembourg – 129	Sweden – 171
Chile – 88	Madagascar – 130	Switzerland – 172
China – 89	Malawi – 131	Syria – 173
Colombia – 90	Malaysia – 132	Tanzania – 174
Congo, Dem. Rep – 91	Malta – 133	Thailand – 175
Costa Rica – 92	Mauritius – 134	Trinidad and Tobago – 176
Cote Ivoire – 93	Mexico – 135	Tunisia – 177
Croatia – 94	Moldova – 136	Turkey – 178
Cuba – 95	Mongolia – 137	Uganda – 179
Cyprus – 96	Montenegro – 138	UK – 180
Czech Republic – 97	Morocco – 139	Ukraine – 181
Denmark – 98	Mozambique – 140	United Arab Emirates – 182
Ecuador – 99	Myanmar – 141	Uruguay – 183
Egypt – 100	Namibia – 142	USA – 184
Estonia – 101	Nepal – 143	Uzbekistan – 185
Ethiopia – 102	Netherlands – 144	Venezuela – 186
Fiji – 103	New Zealand – 145	Vietnam – 187
Finland – 104	Nigeria – 146	Yemen – 188
France – 105	N. Macedonia – 147	Zambia – 189
Georgia – 106	Norway – 148	Zimbabwe – 190
Germany – 107	Oman – 149	

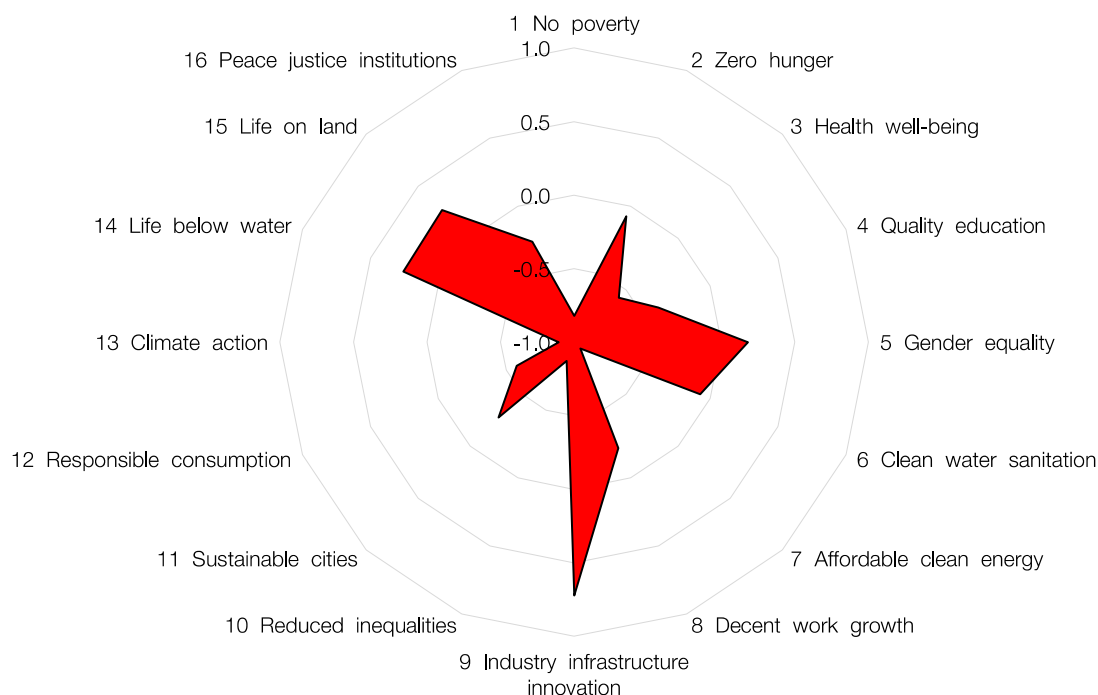
SDGs Score (Challenges) in Albania - 2008-2017



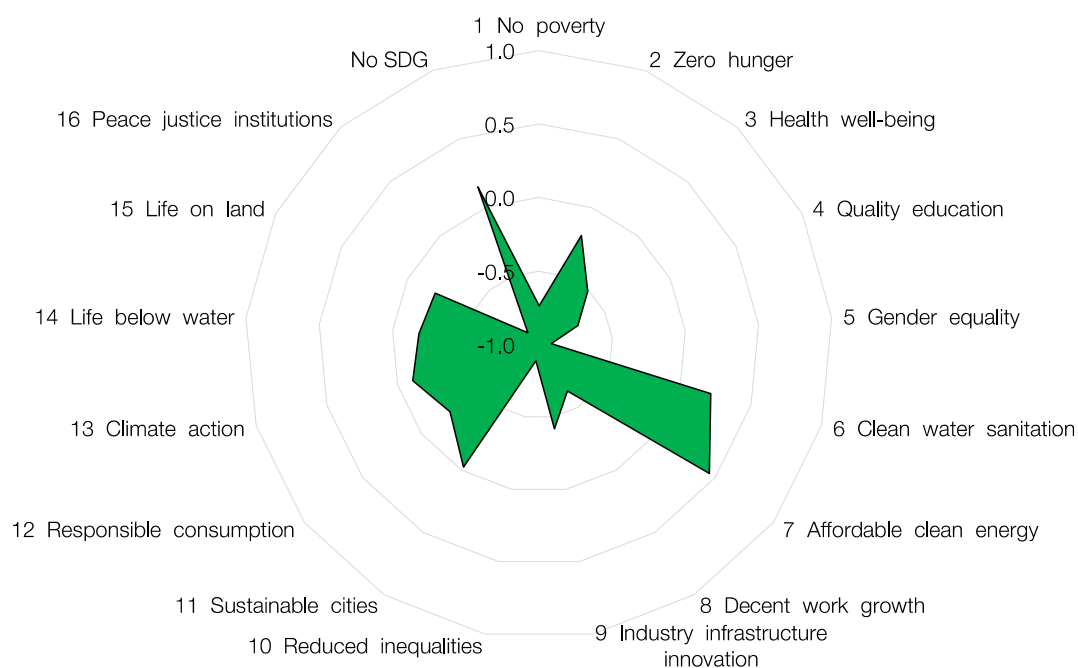
SDGs Research Specialisation in Albania - 2015-2019



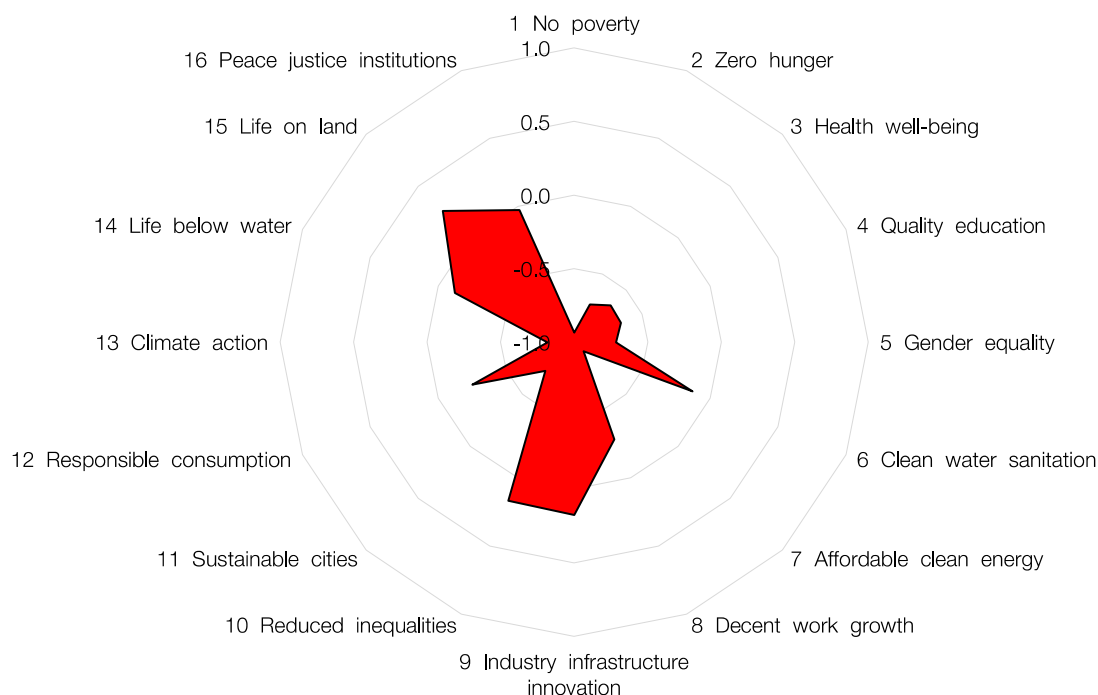
SDGs Score (Challenges) in Algeria - 2008-2017



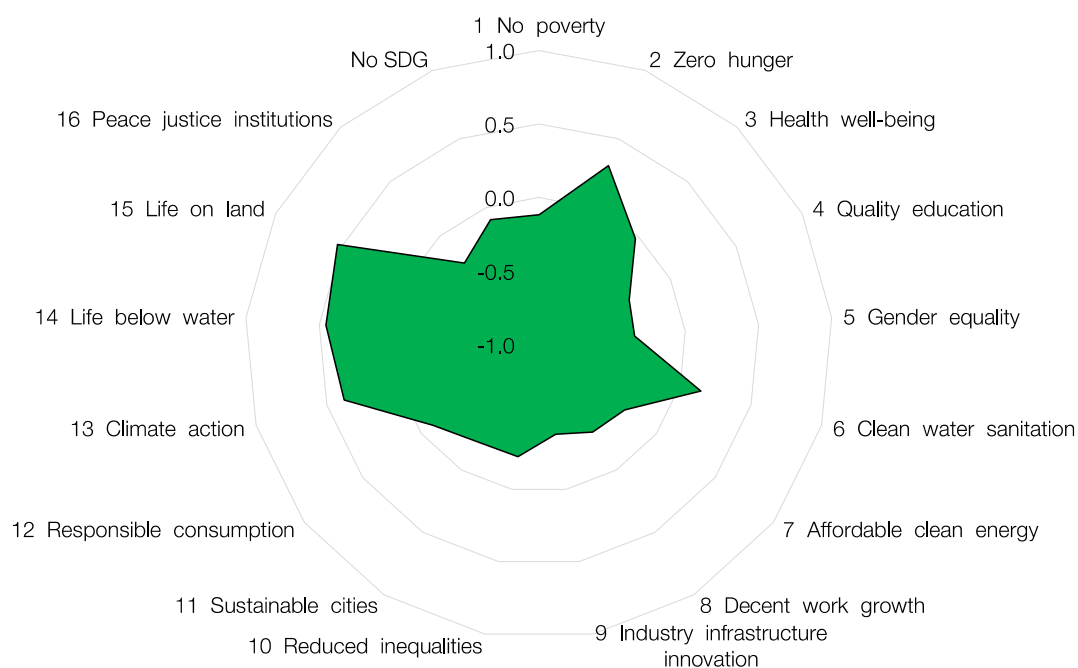
SDGs Research Specialisation in Algeria - 2015-2019



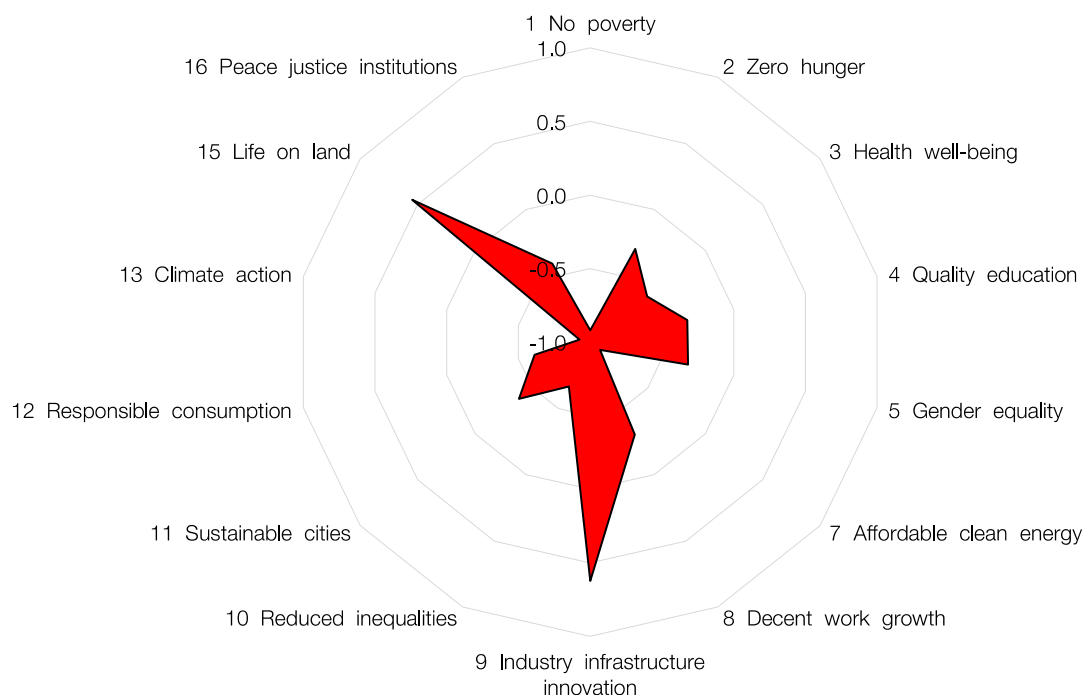
SDGs Score (Challenges) in Argentina - 2008-2017



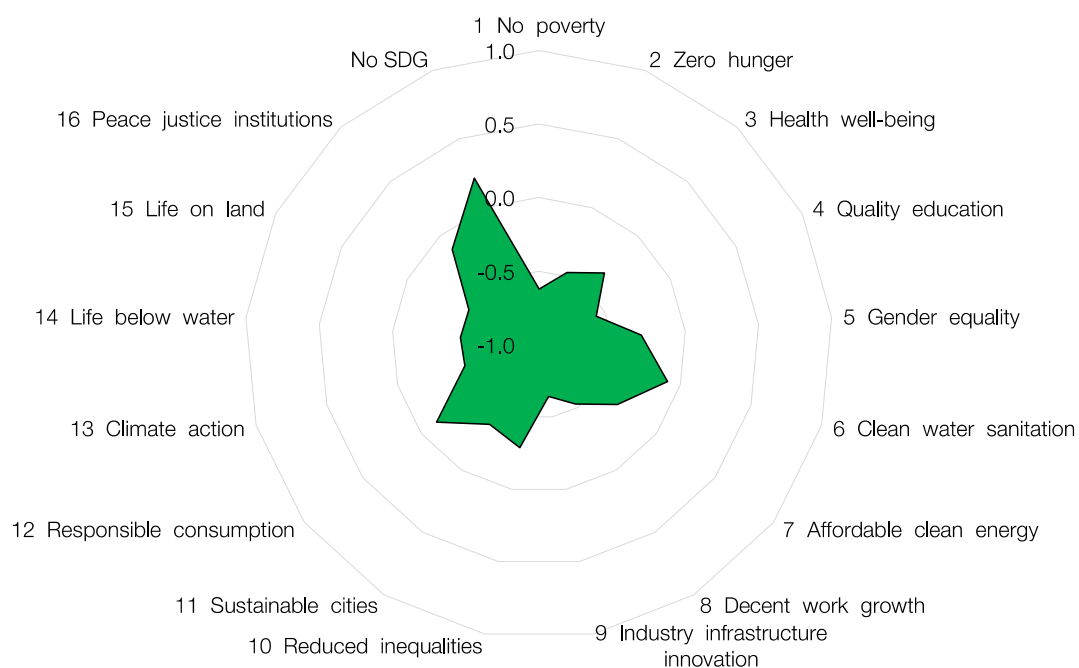
SDGs Research Specialisation in Argentina - 2015-2019



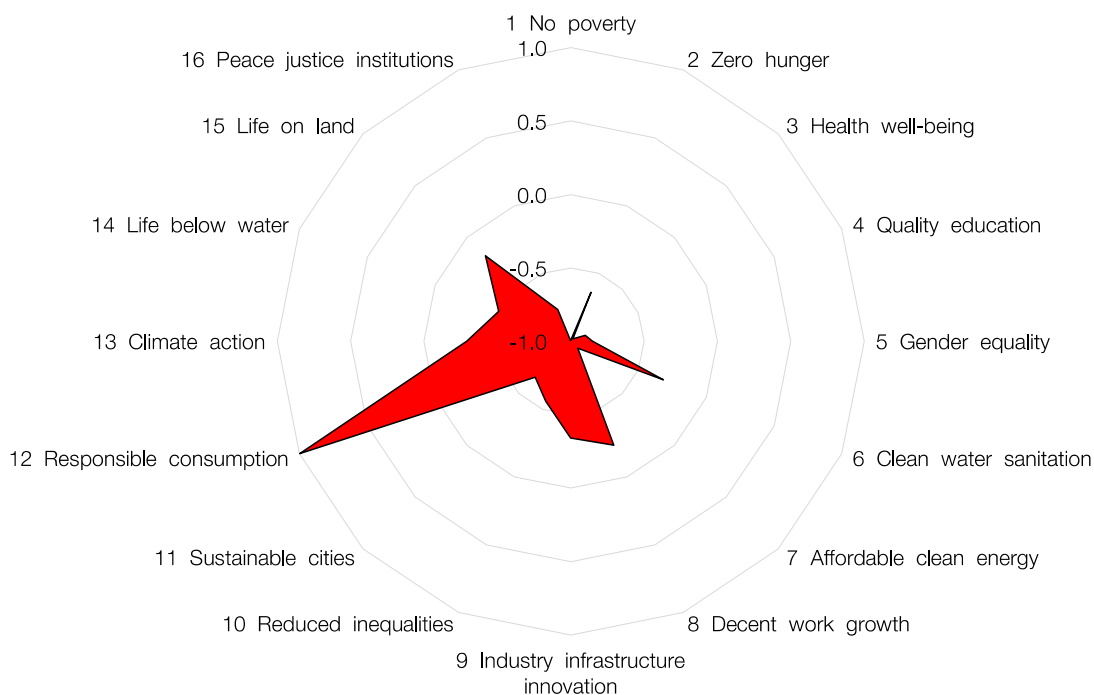
SDGs Score (Challenges) in Armenia - 2008-2017



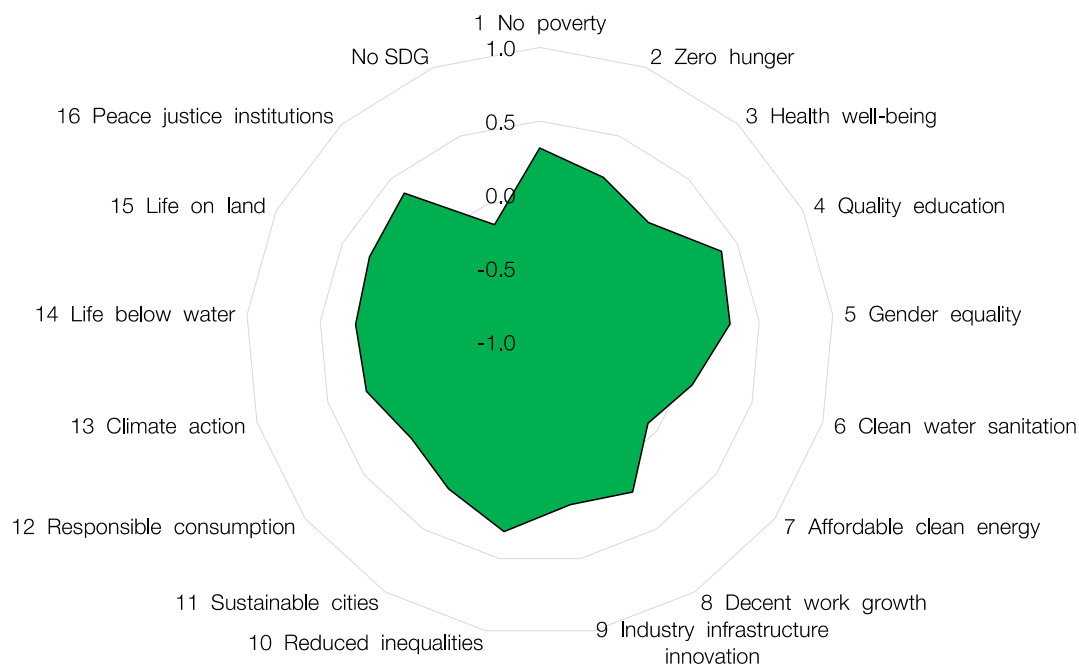
SDGs Research Specialisation in Armenia - 2015-2019



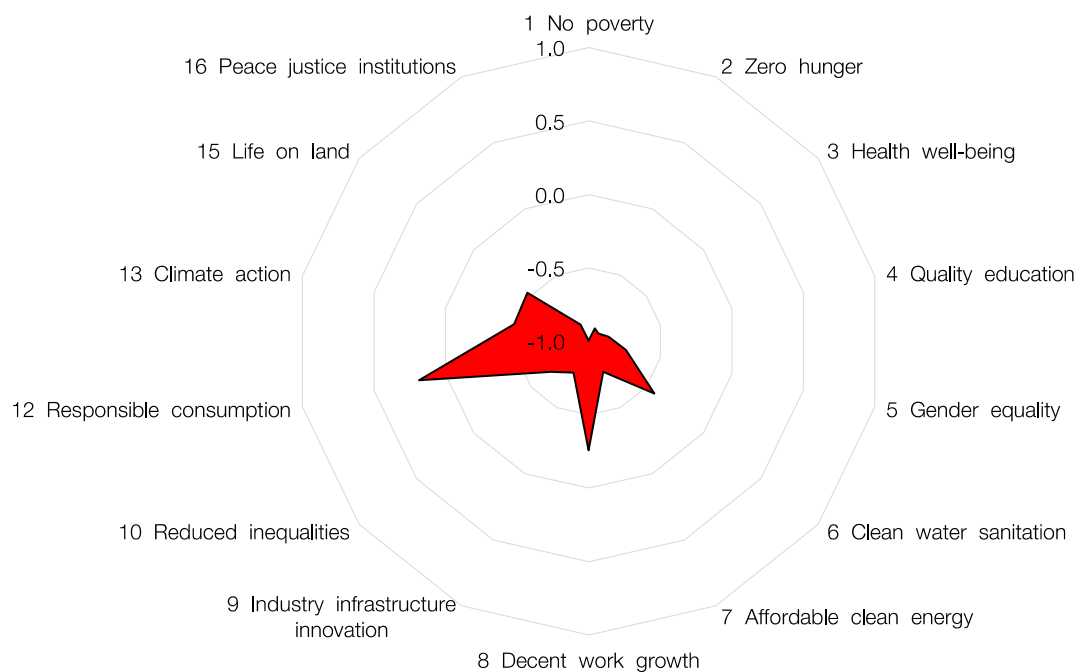
SDGs Score (Challenges) in Australia - 2008-2017



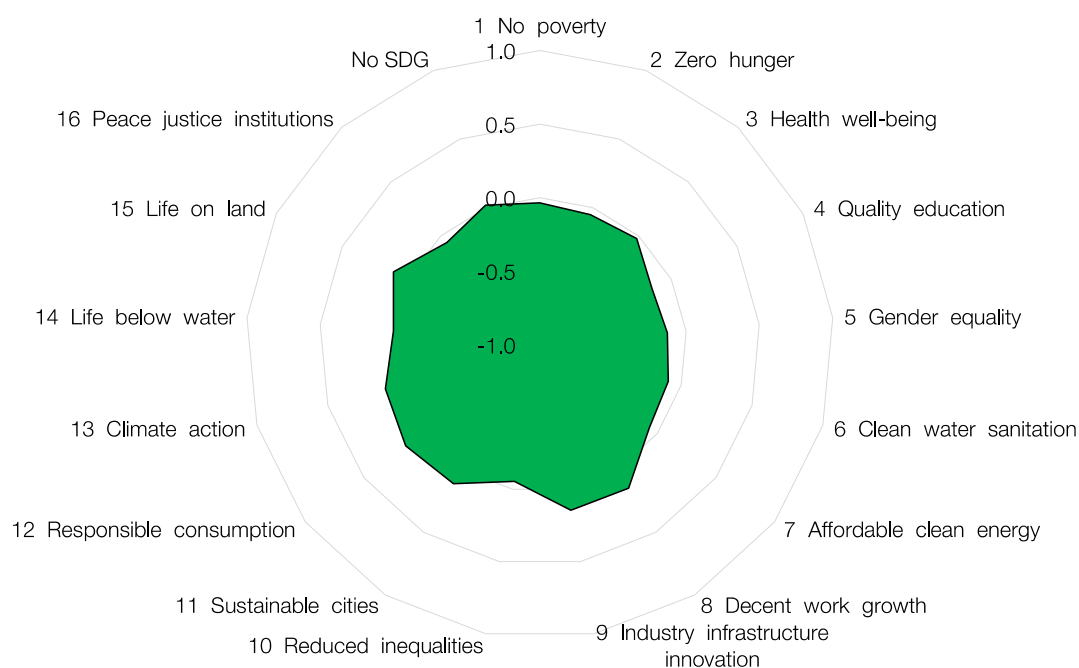
SDGs Research Specialisation in Australia - 2015-2019



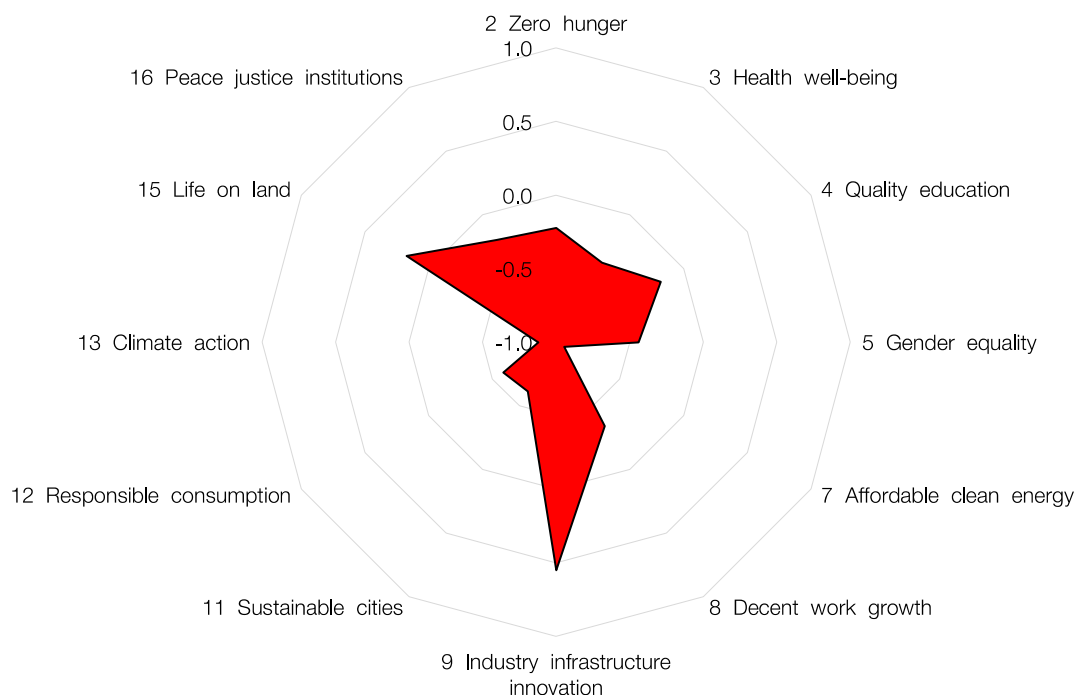
SDGs Score (Challenges) in Austria - 2008-2017



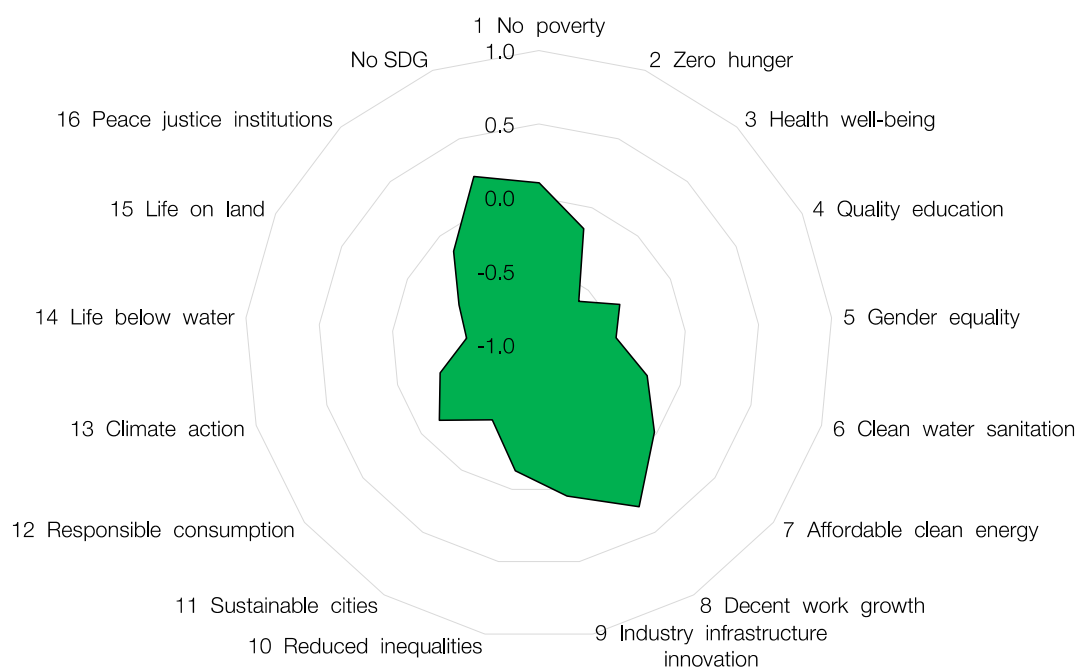
SDGs Research Specialisation in Austria - 2015-2019



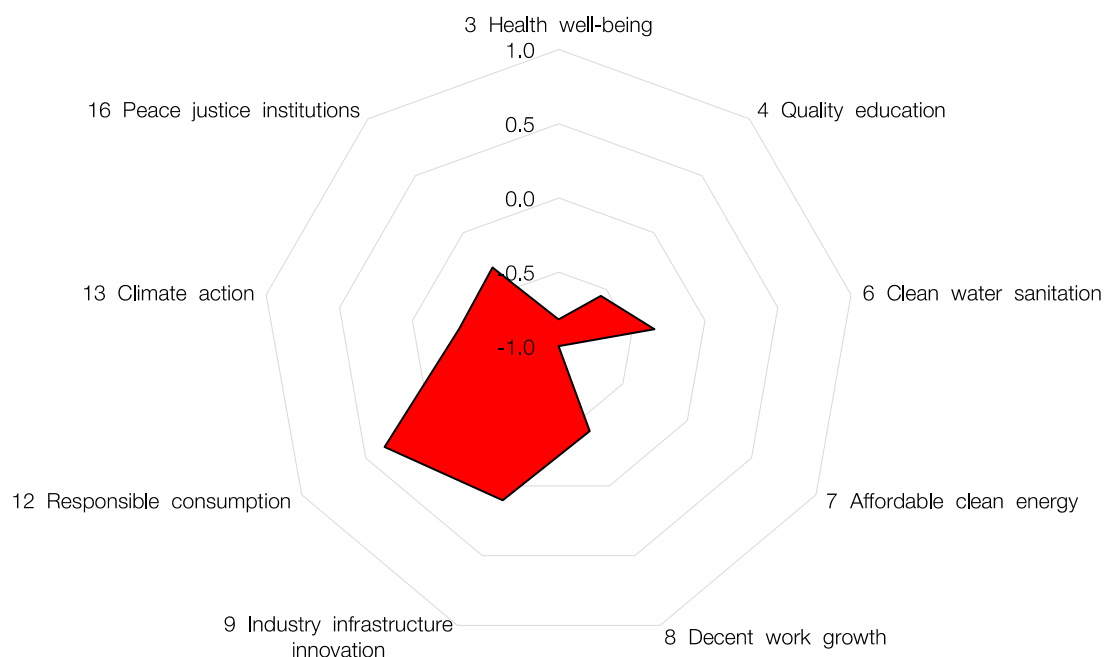
SDGs Score (Challenges) in Azerbaijan - 2008-2017



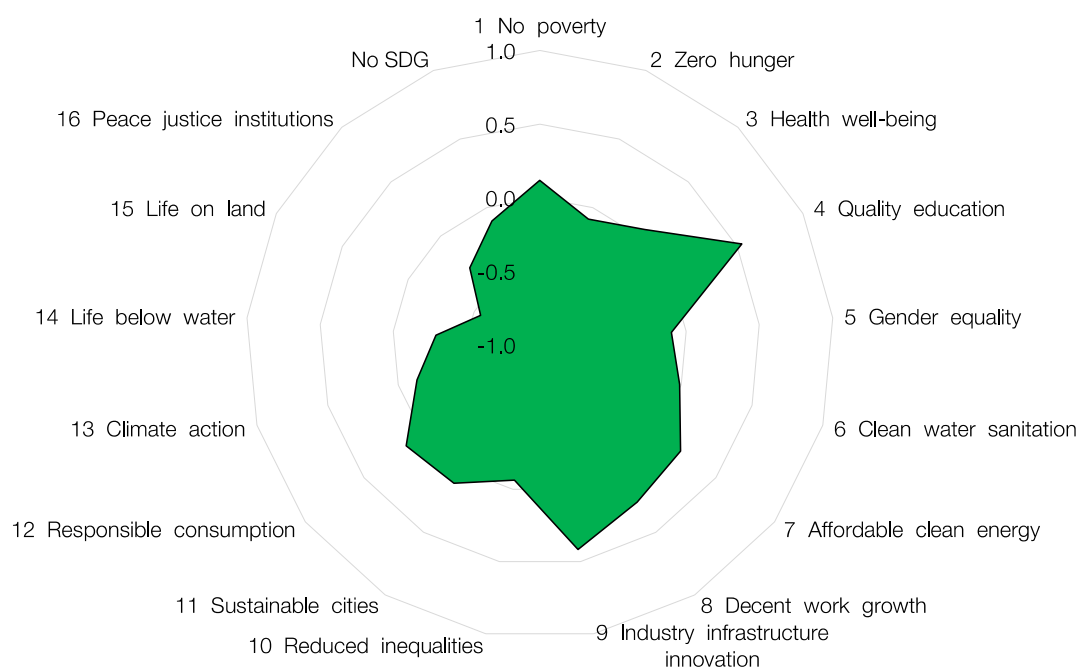
SDGs Research Specialisation in Azerbaijan - 2015-2019



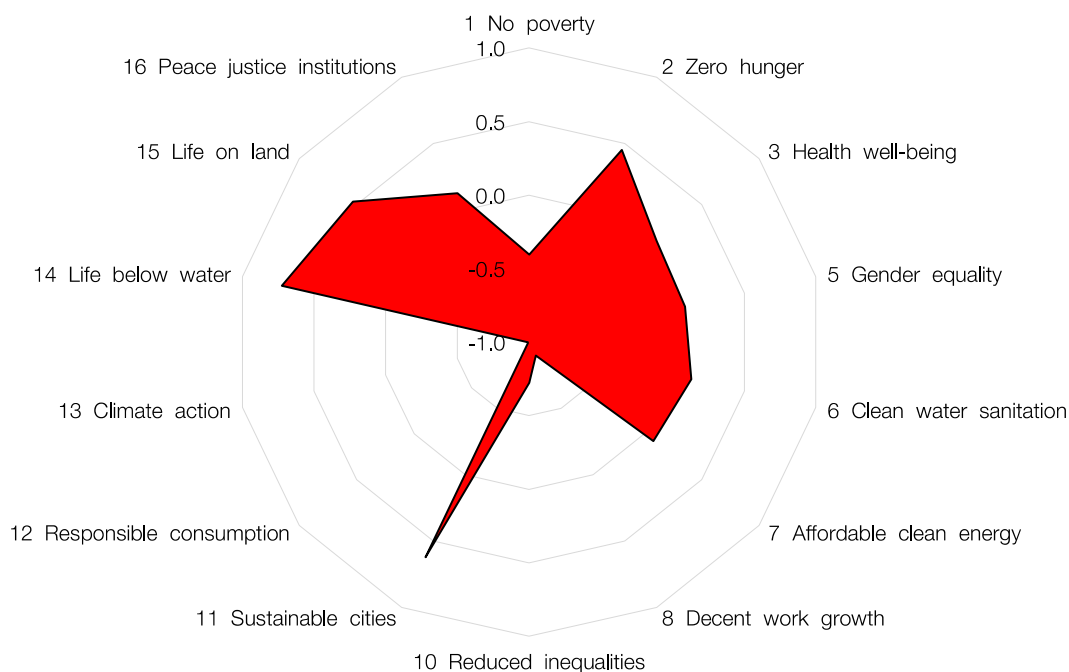
SDGs Score (Challenges) in Bahrain - 2008-2017



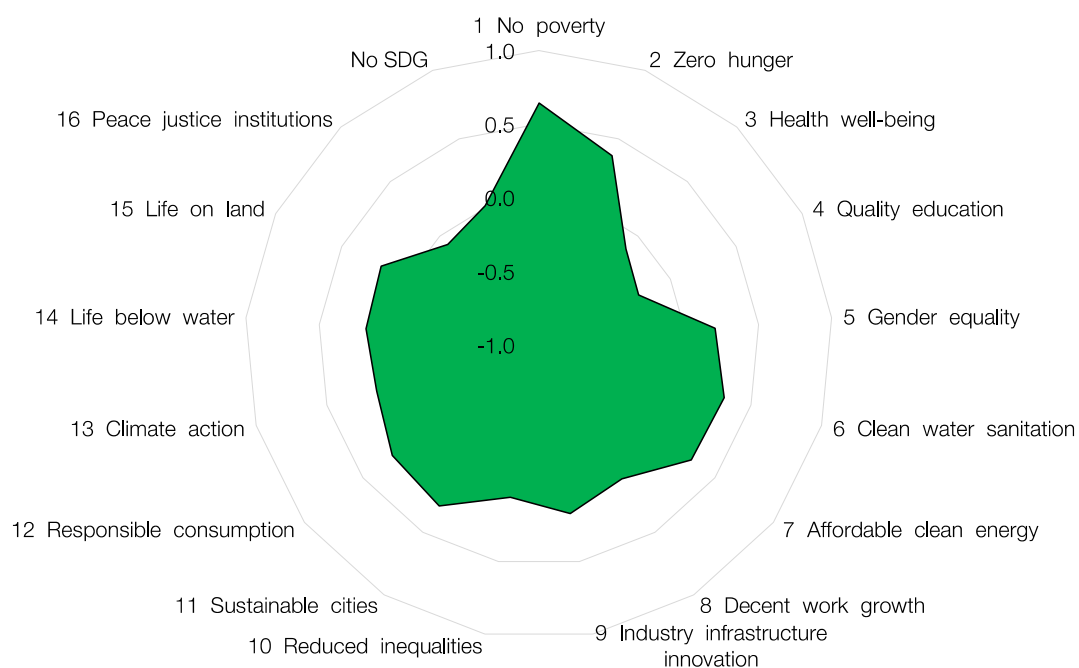
SDGs Research Specialisation in Bahrain - 2015-2019



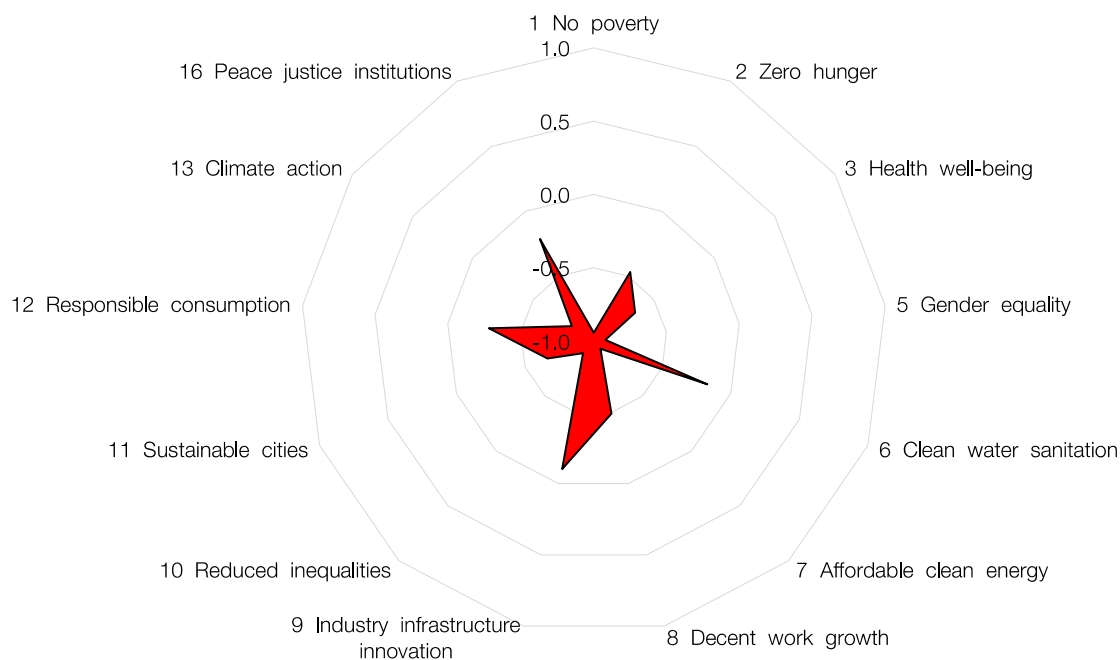
SDGs Score (Challenges) in Bangladesh - 2008-2017



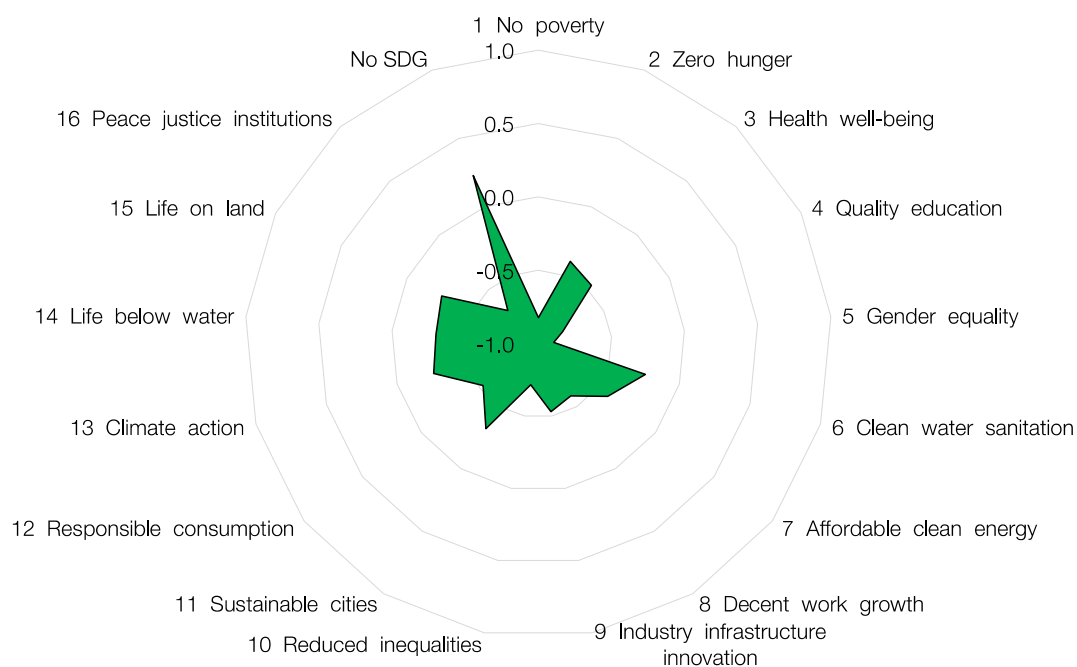
SDGs Research Specialisation in Bangladesh - 2015-2019



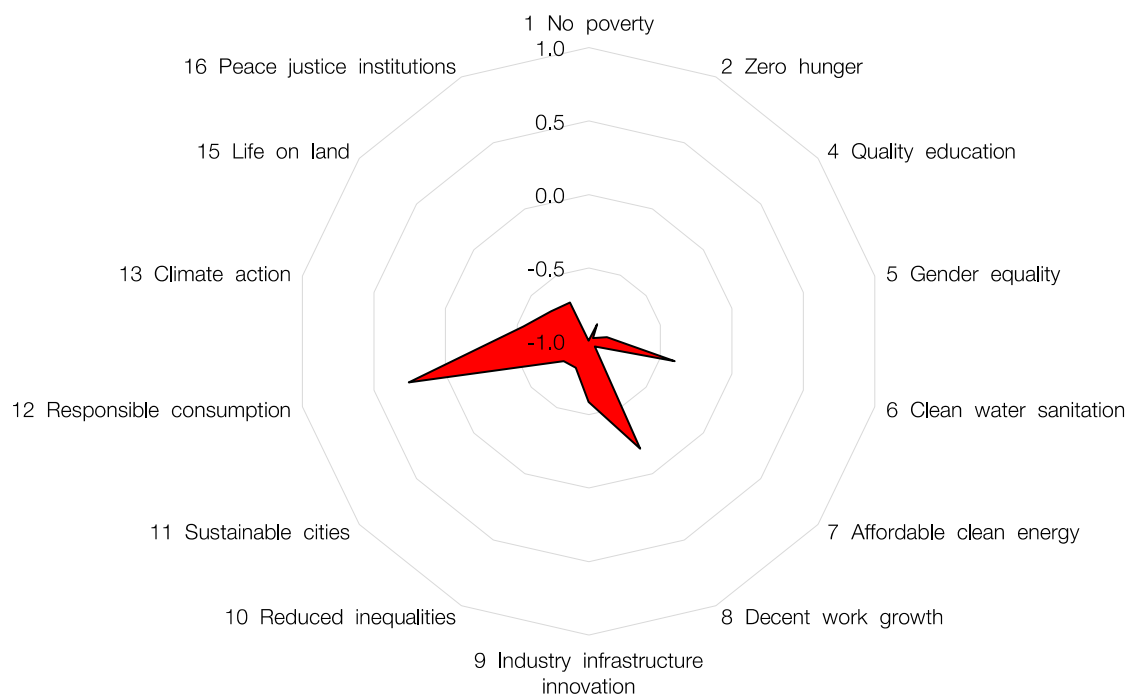
SDGs Score (Challenges) in Belarus - 2008-2017



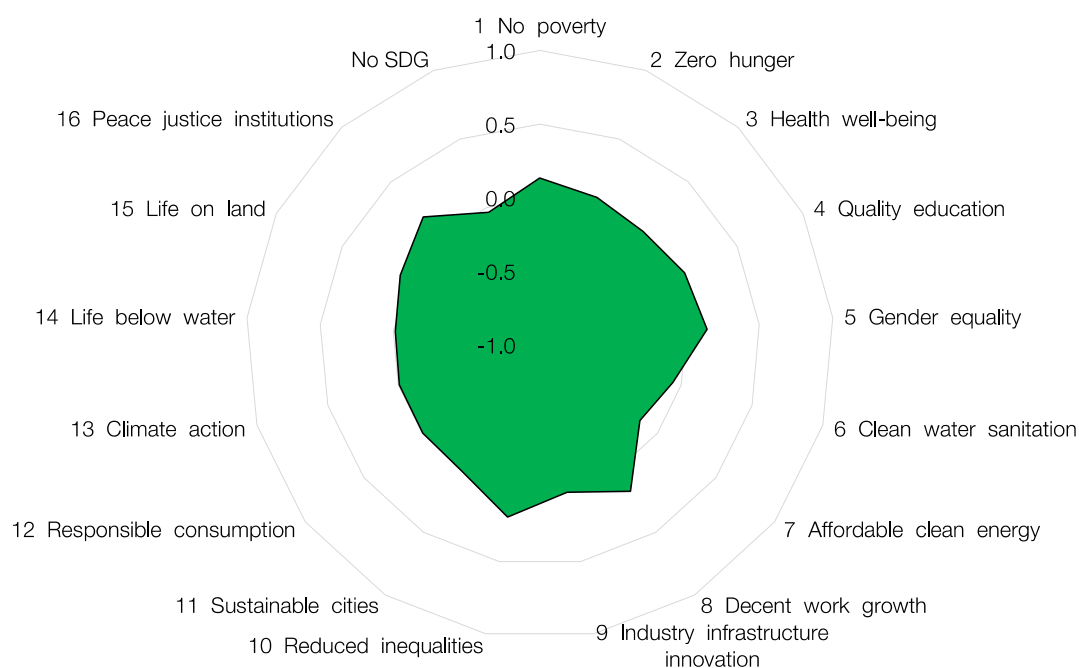
SDGs Research Specialisation in Belarus - 2015-2019



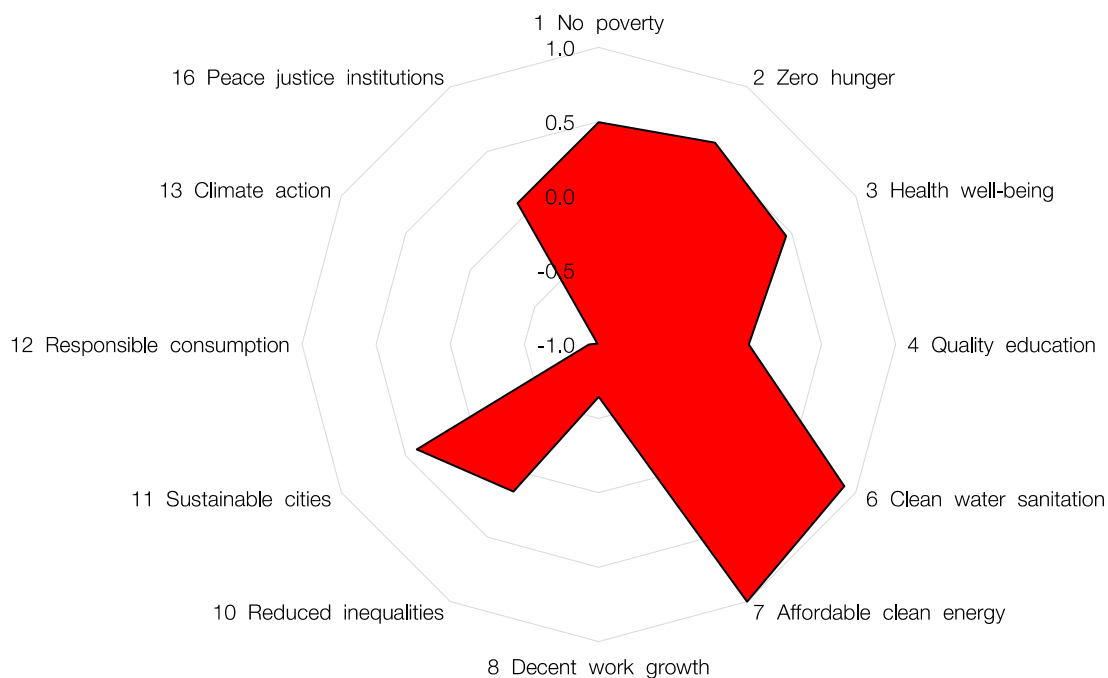
SDGs Score (Challenges) in Belgium - 2008-2017



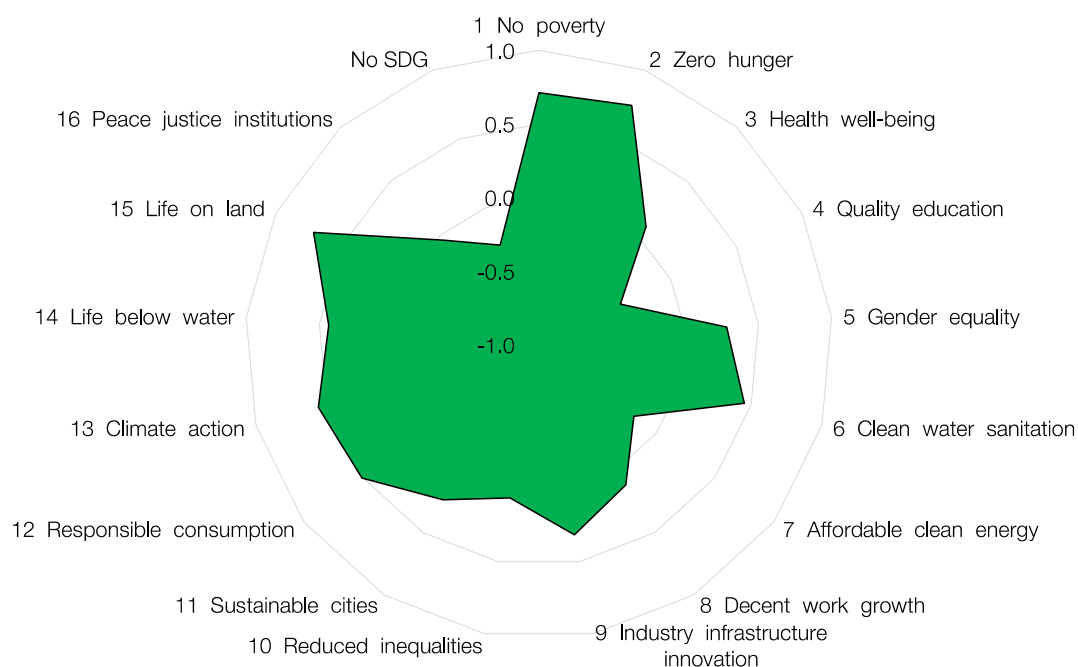
SDGs Research Specialisation in Belgium - 2015-2019



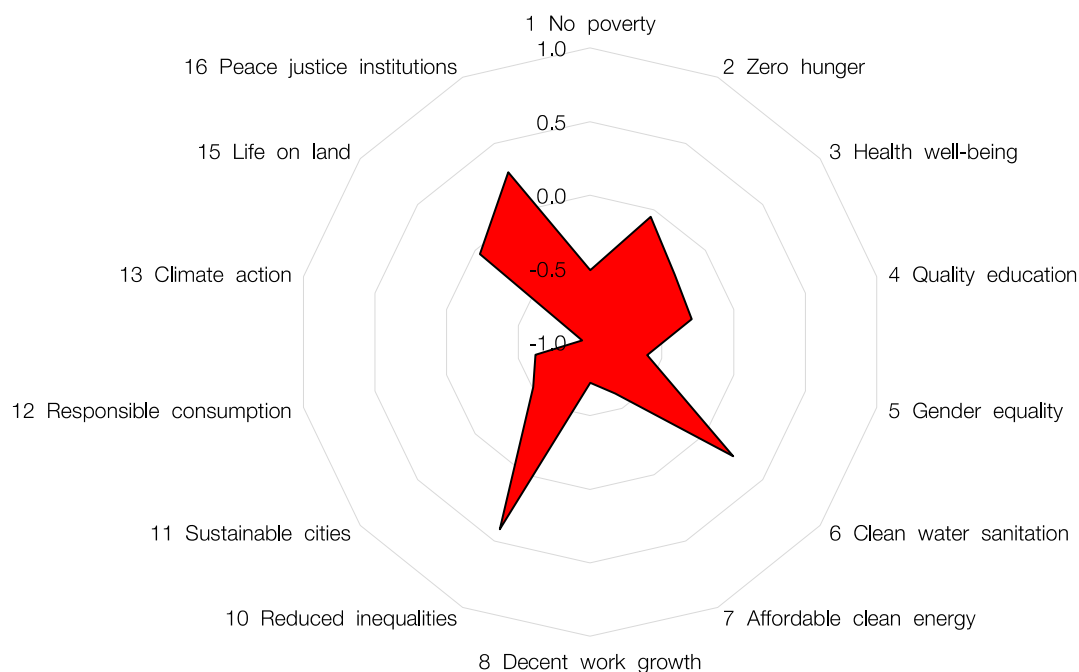
SDGs Score (Challenges) in Benin - 2008-2017



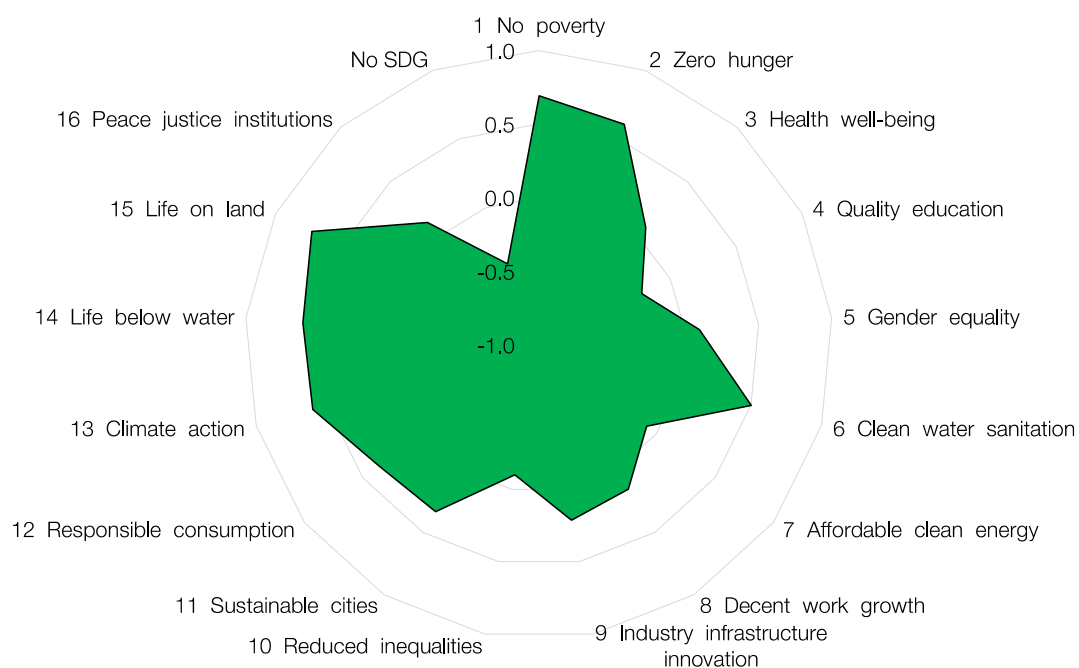
SDGs Research Specialisation in Benin - 2015-2019



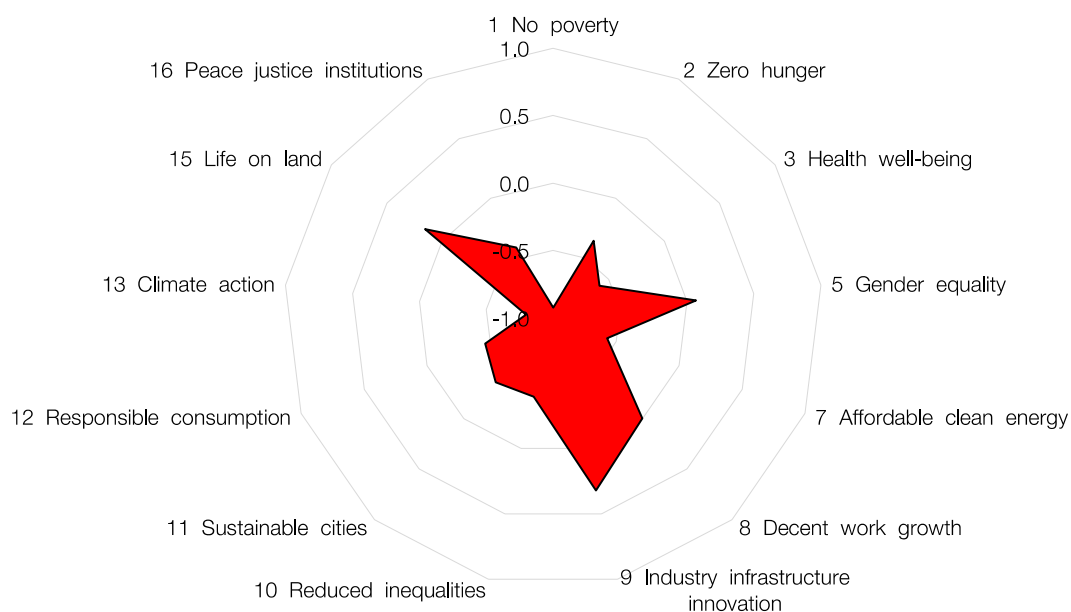
SDGs Score (Challenges) in Bolivia - 2008-2017



SDGs Research Specialisation in Bolivia - 2015-2019



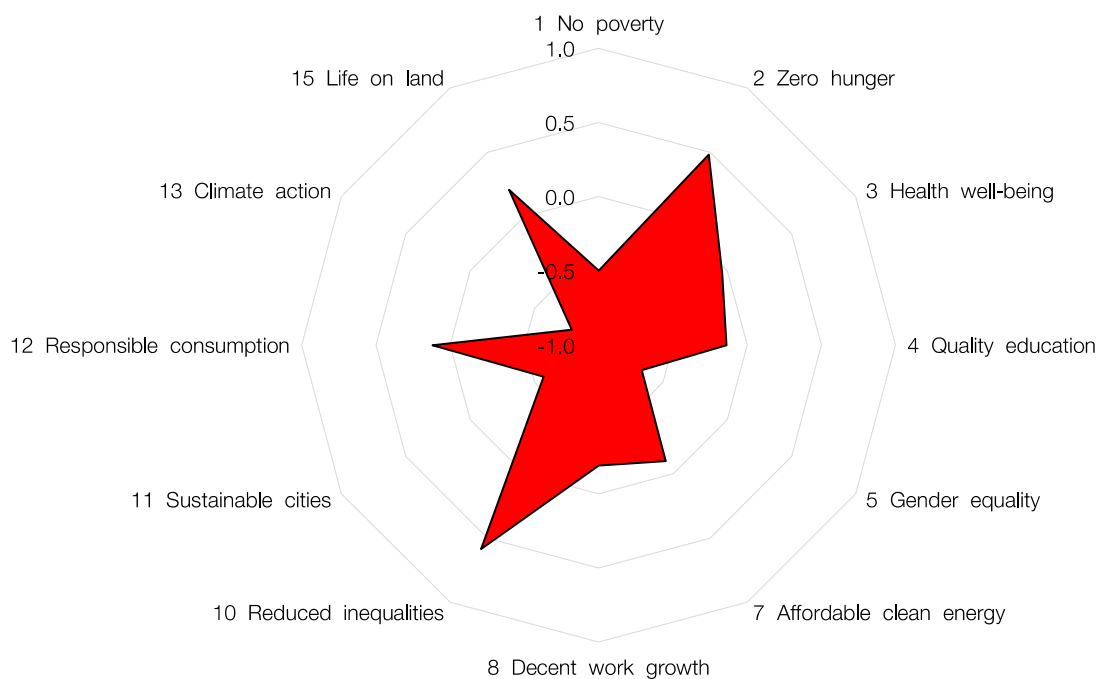
SDGs Score (Challenges) in Bosnia and Herzegovina - 2008-2017



SDGs Research Specialisation in Bosnia and Herzegovina - 2015-2019



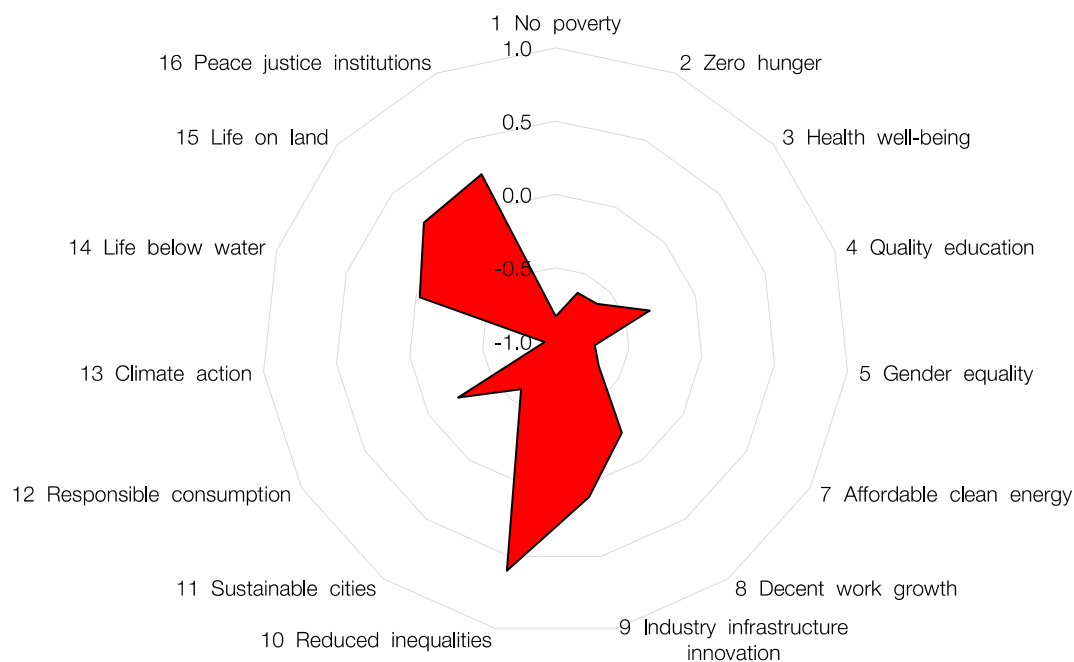
SDGs Score (Challenges) in Botswana - 2008-2017



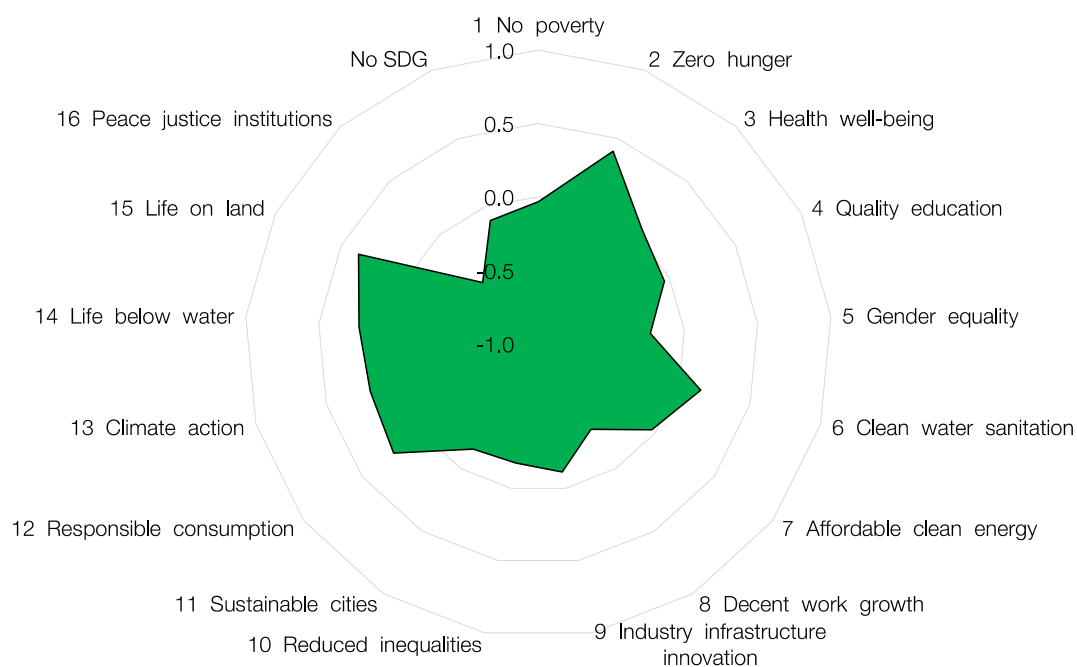
SDGs Research Specialisation in Botswana - 2015-2019



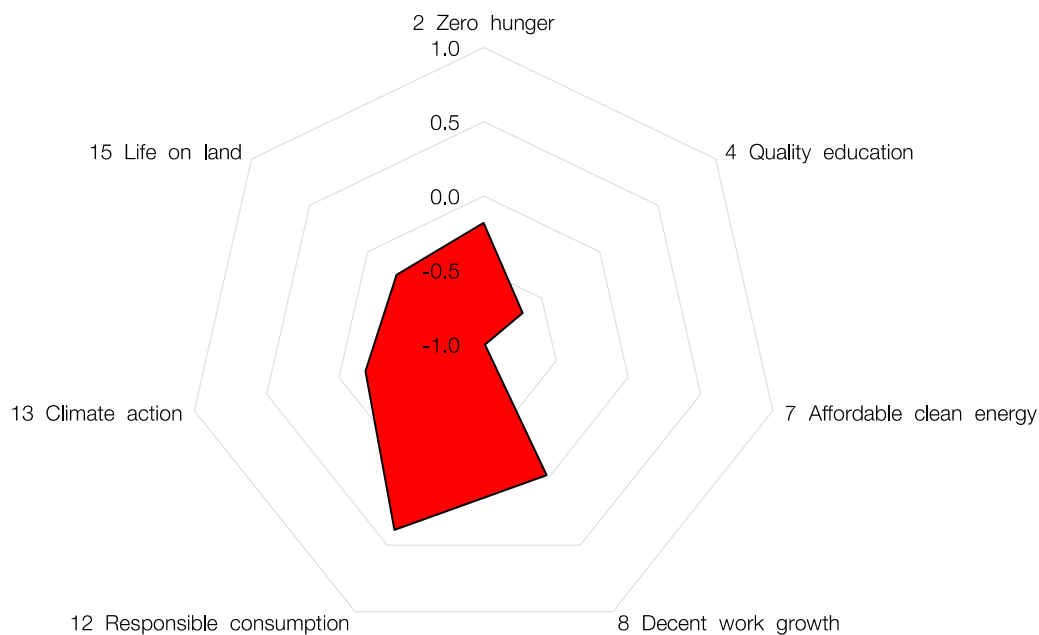
SDGs Score (Challenges) in Brazil - 2008-2017



SDGs Research Specialisation in Brazil - 2015-2019



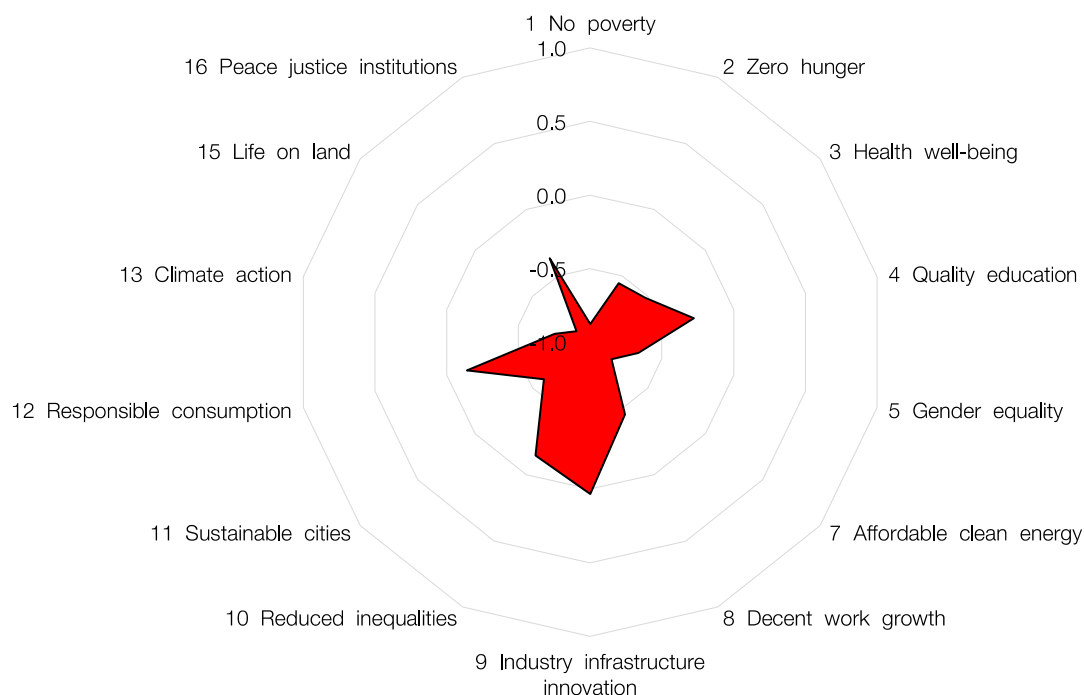
SDGs Score (Challenges) in Brunei - 2008-2017



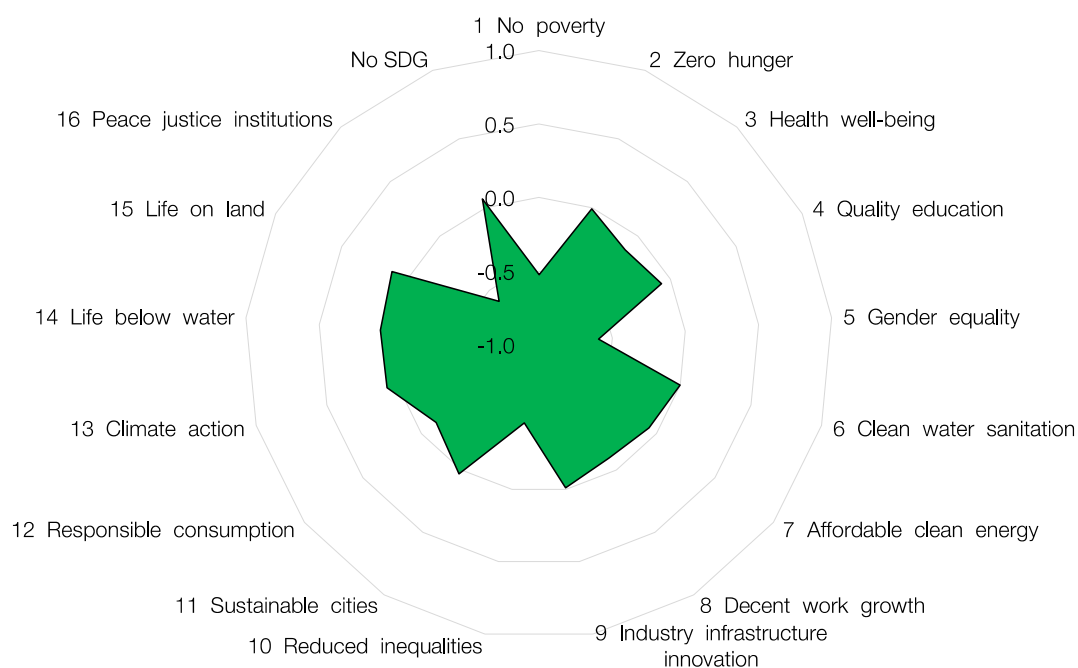
SDGs Research Specialisation in Brunei - 2015-2019



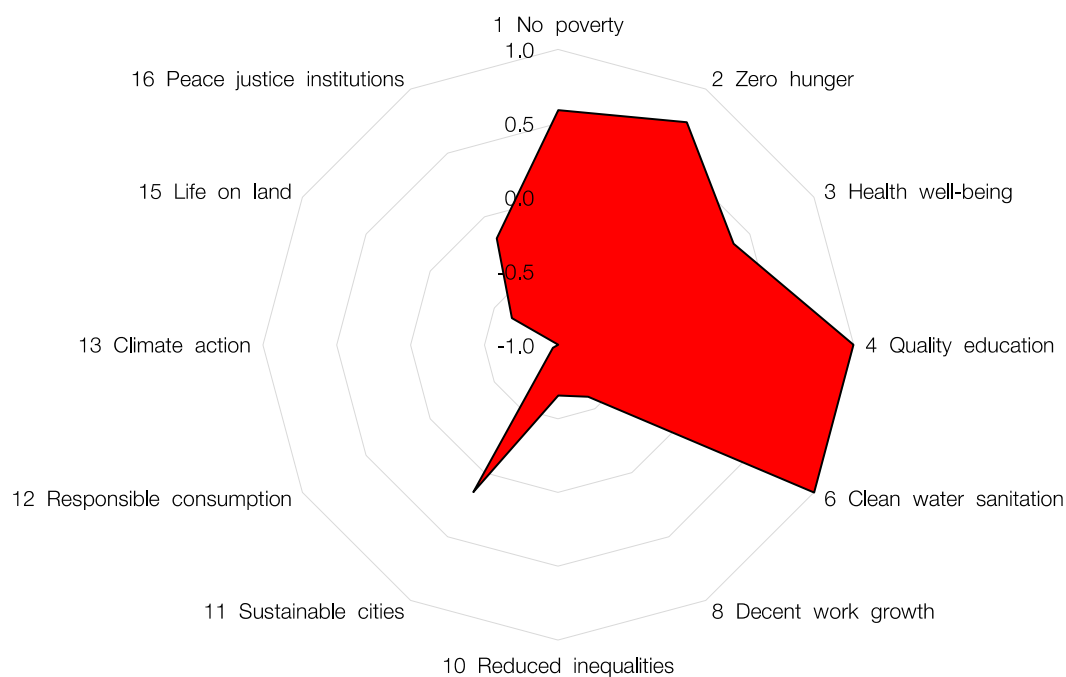
SDGs Score (Challenges) in Bulgaria - 2008-2017



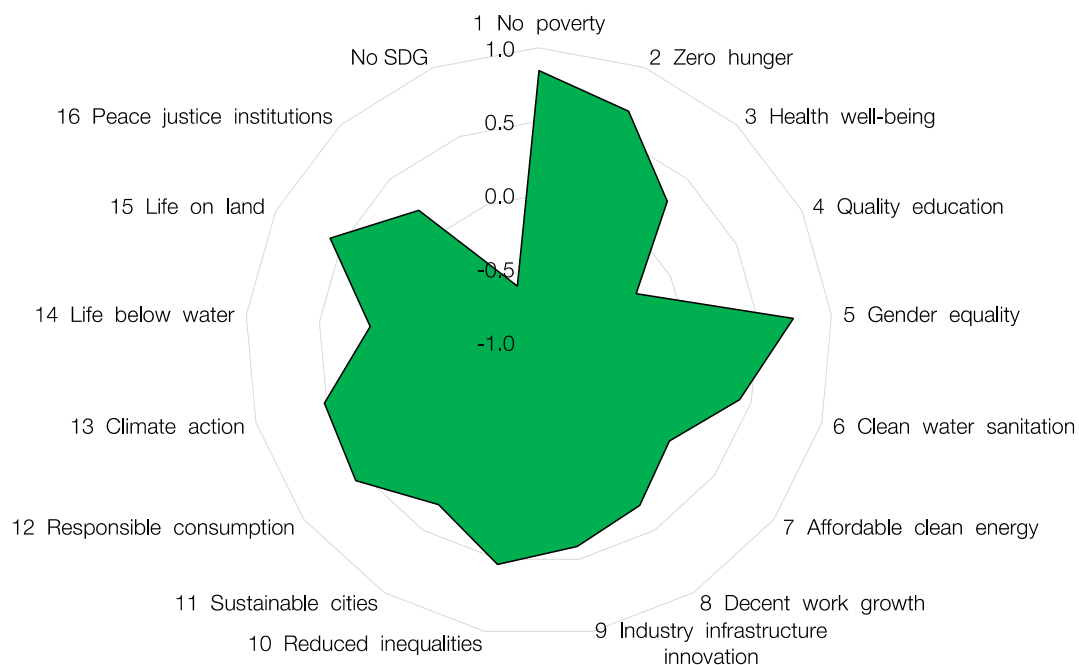
SDGs Research Specialisation in Bulgaria - 2015-2019



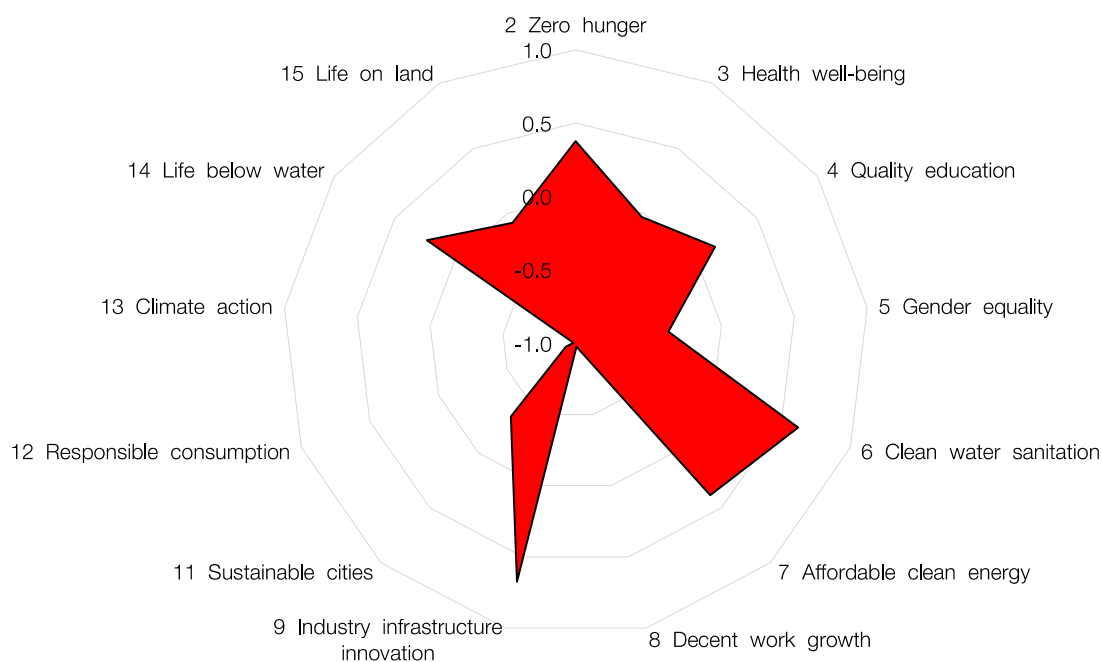
SDGs Score (Challenges) in Burkina Faso - 2008-2017



SDGs Research Specialisation in Burkina Faso - 2015-2019



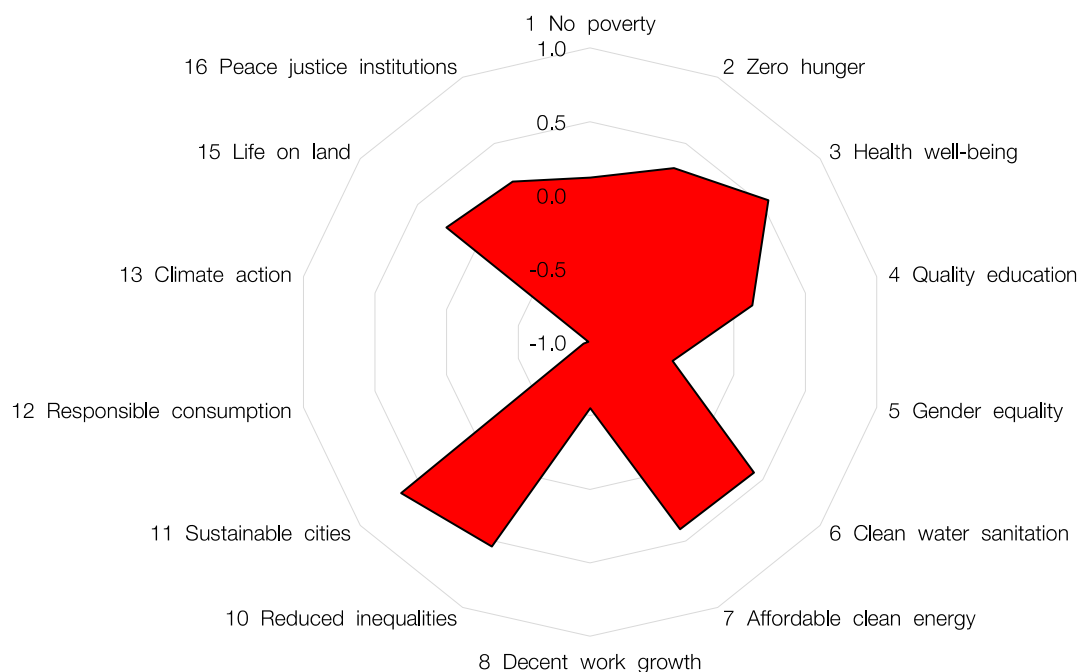
SDGs Score (Challenges) in Cambodia - 2008-2017



SDGs Research Specialisation in Cambodia - 2015-2019



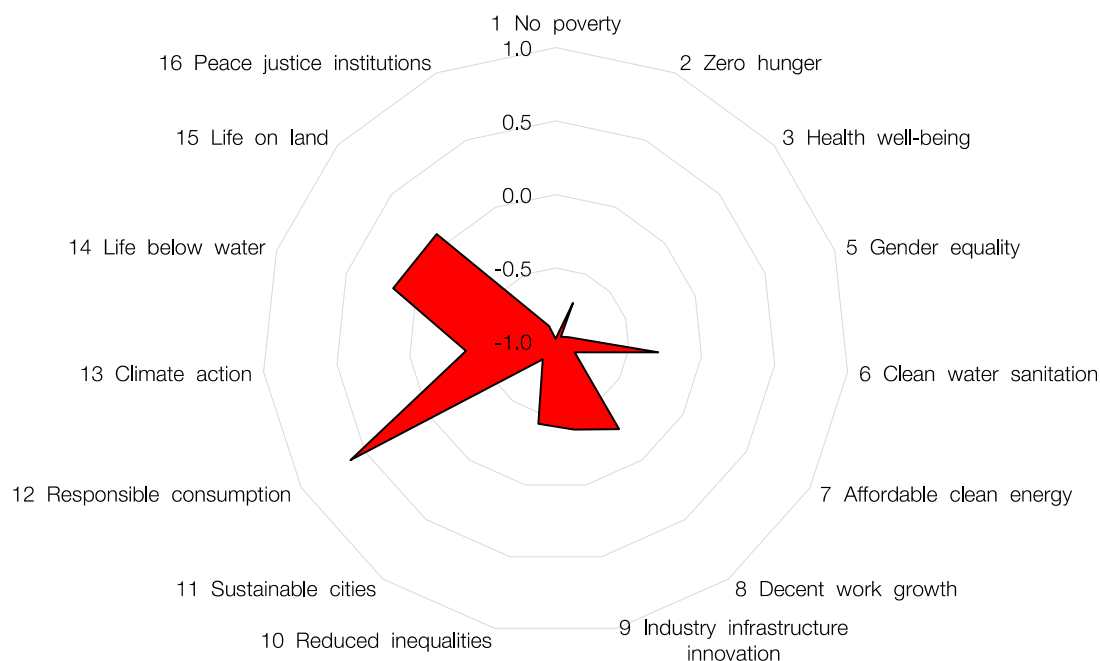
SDGs Score (Challenges) in Cameroon - 2008-2017



SDGs Research Specialisation in Cameroon - 2015-2019



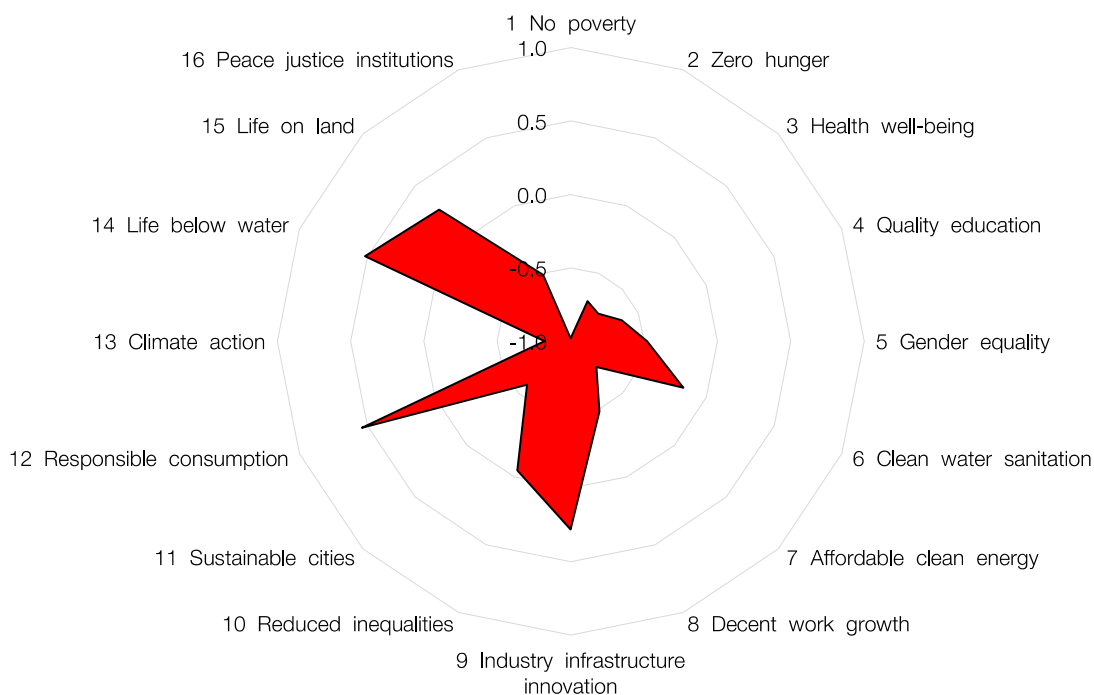
SDGs Score (Challenges) in Canada - 2008-2017



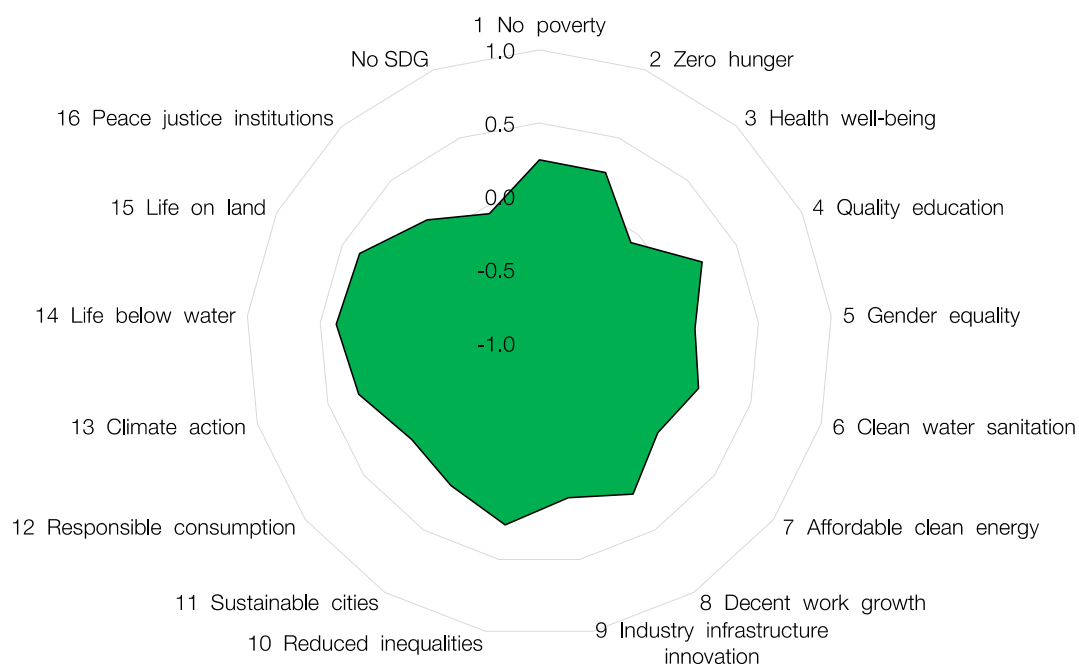
SDGs Research Specialisation in Canada - 2015-2019



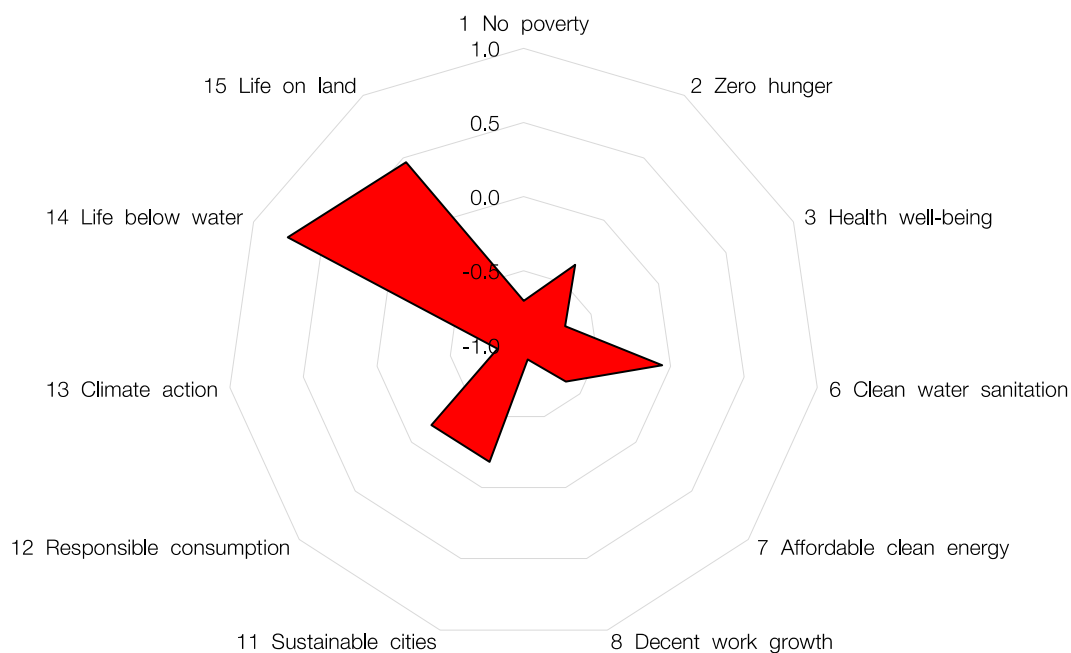
SDGs Score (Challenges) in Chile - 2008-2017



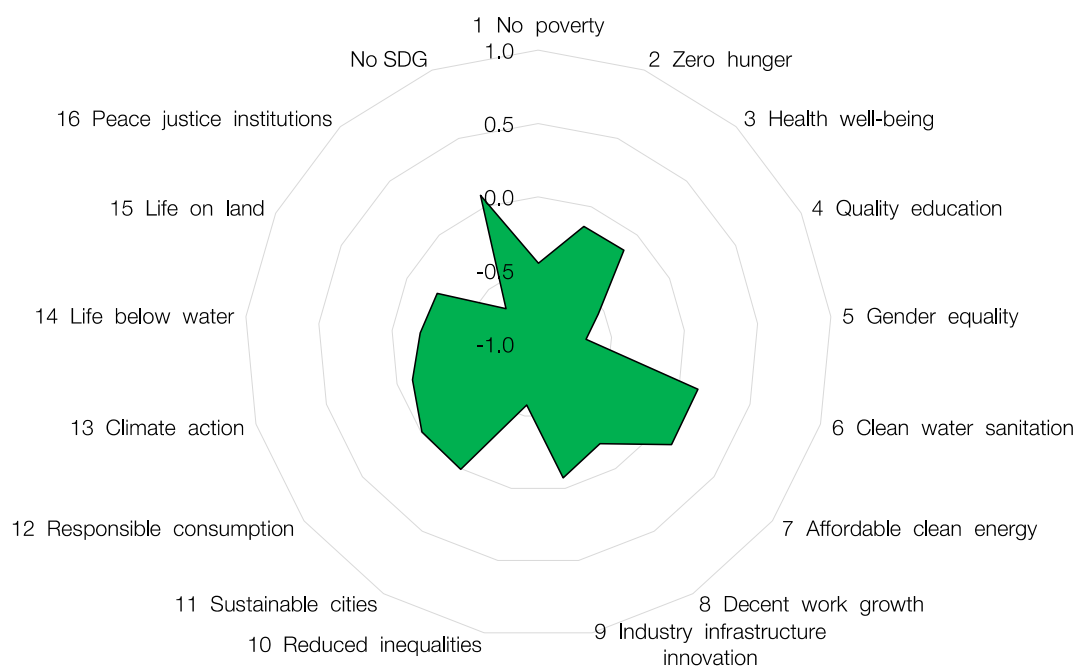
SDGs Research Specialisation in Chile - 2015-2019



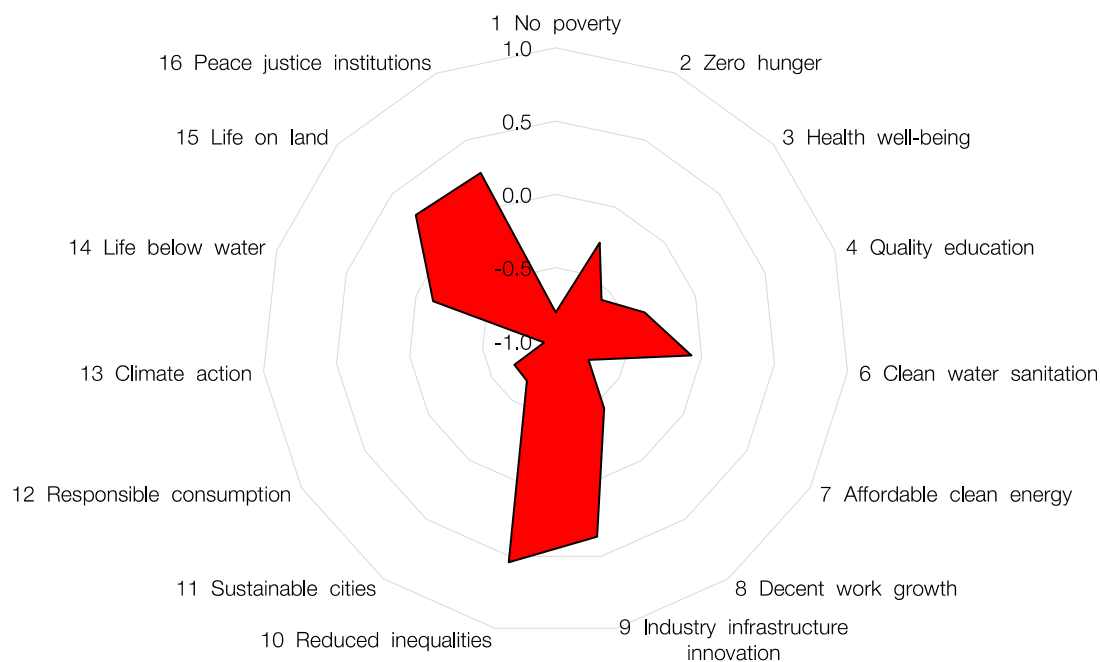
SDGs Score (Challenges) in China - 2008-2017



SDGs Research Specialisation in China - 2015-2019



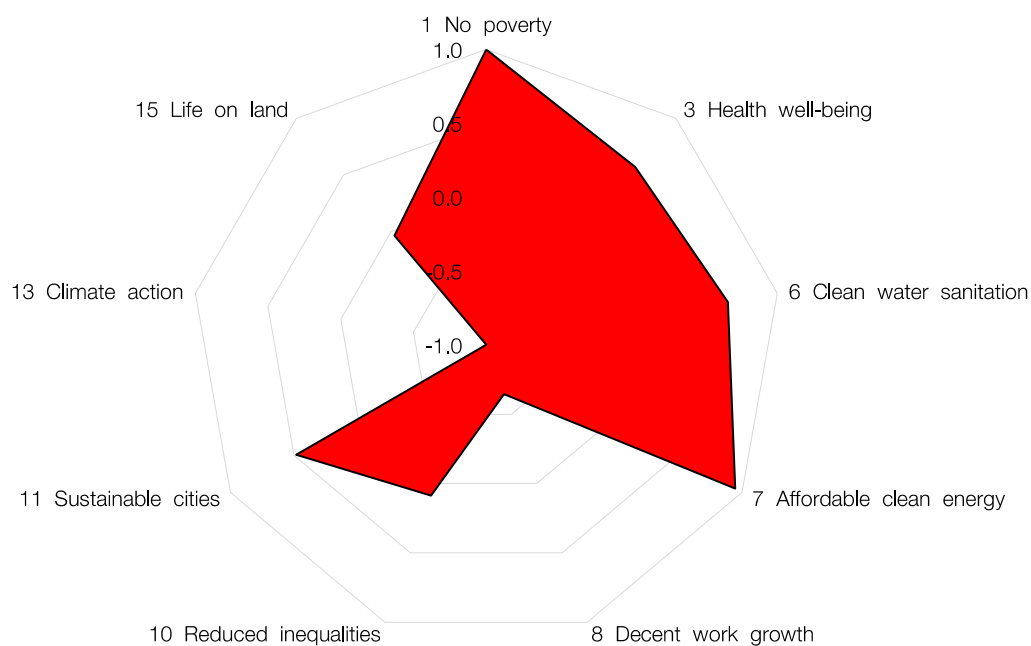
SDGs Score (Challenges) in Colombia - 2008-2017



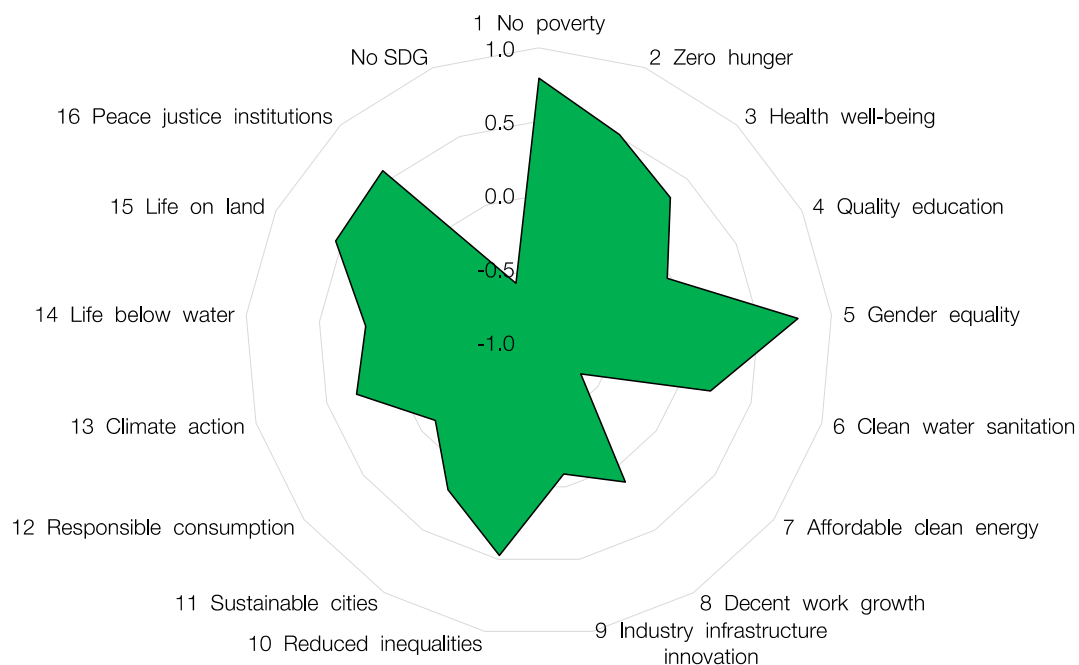
SDGs Research Specialisation in Colombia - 2015-2019



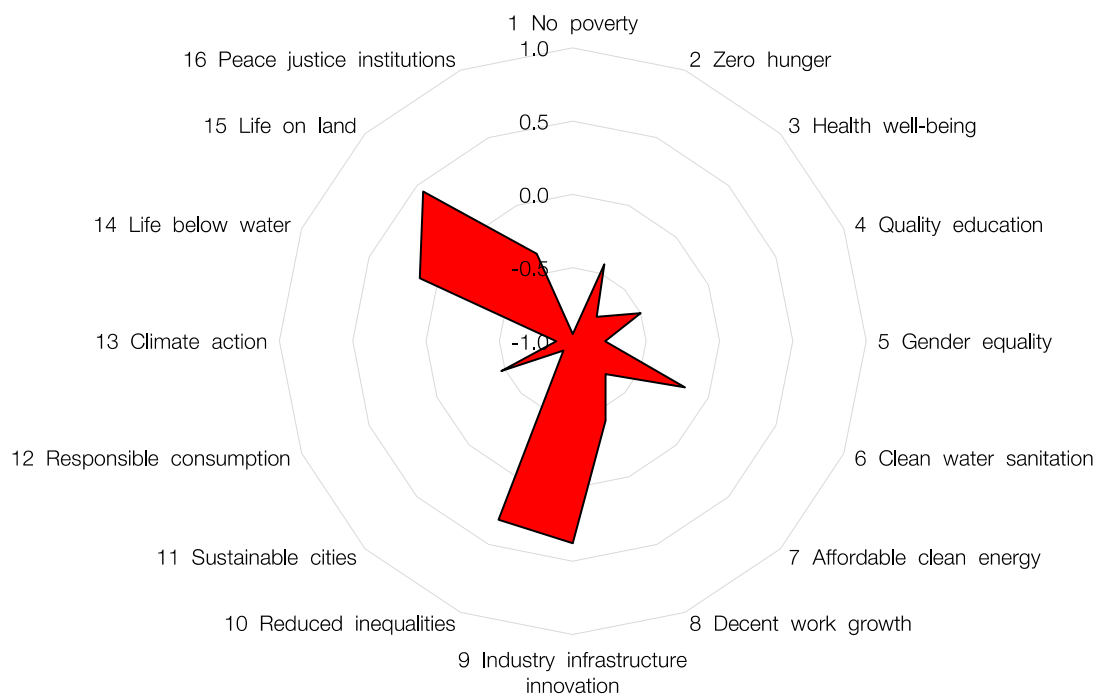
SDGs Score (Challenges) in Congo, Dem. Rep. - 2008-2017



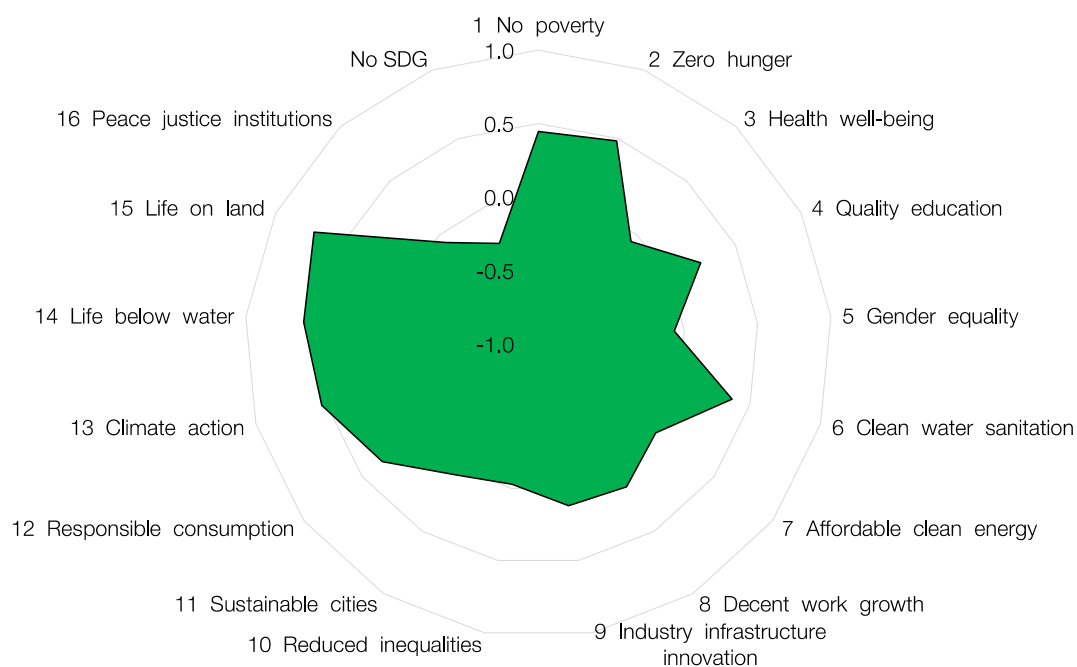
SDGs Research Specialisation in Congo, Dem. Rep. - 2015-2019



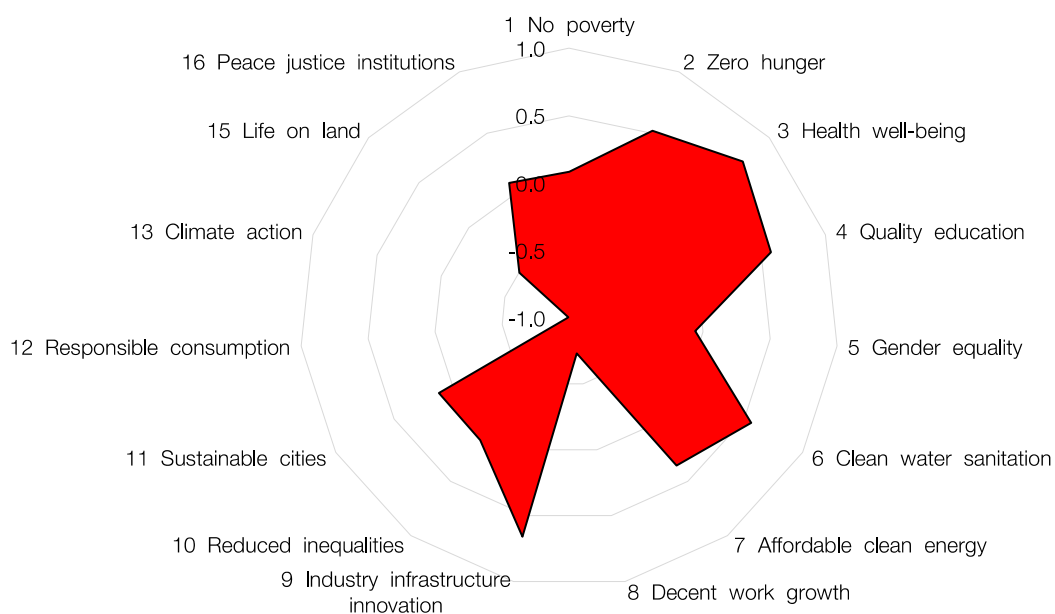
SDGs Score (Challenges) in Costa Rica - 2008-2017



SDGs Research Specialisation in Costa Rica - 2015-2019



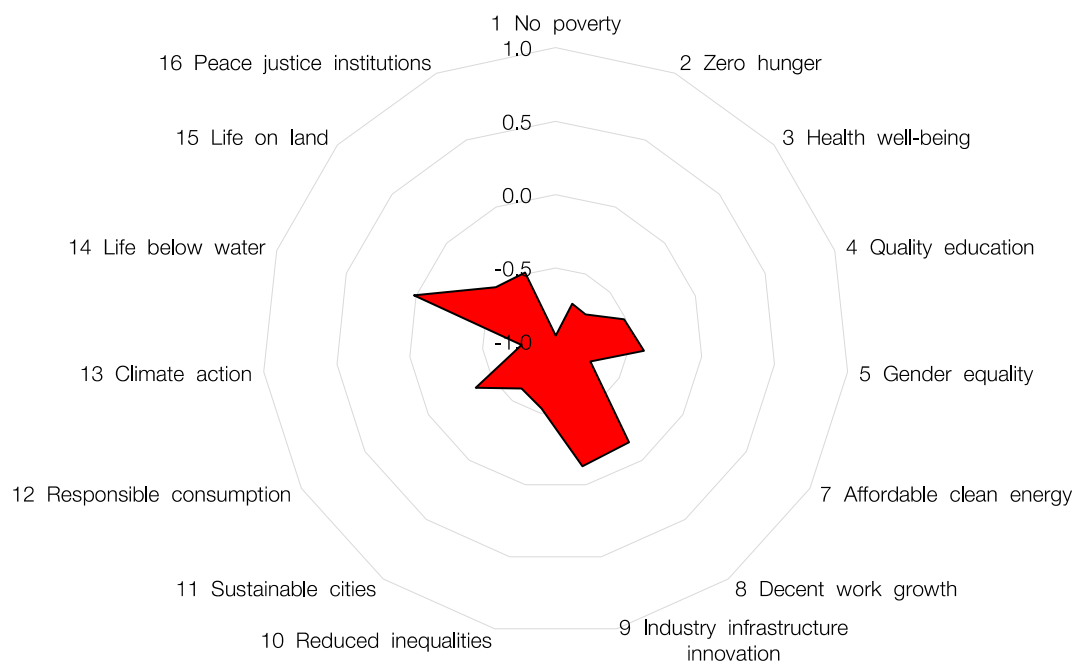
SDGs Score (Challenges) in Cote d'Ivoire - 2008-2017



SDGs Research Specialisation in Cote d'Ivoire - 2015-2019



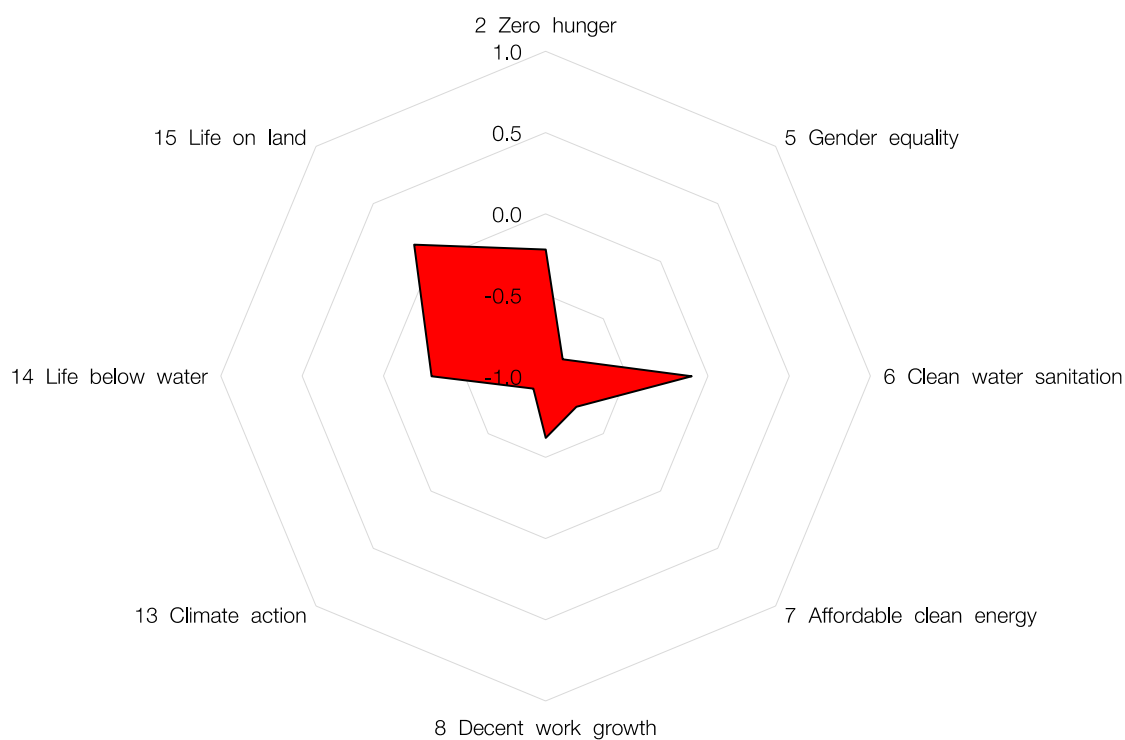
SDGs Score (Challenges) in Croatia - 2008-2017



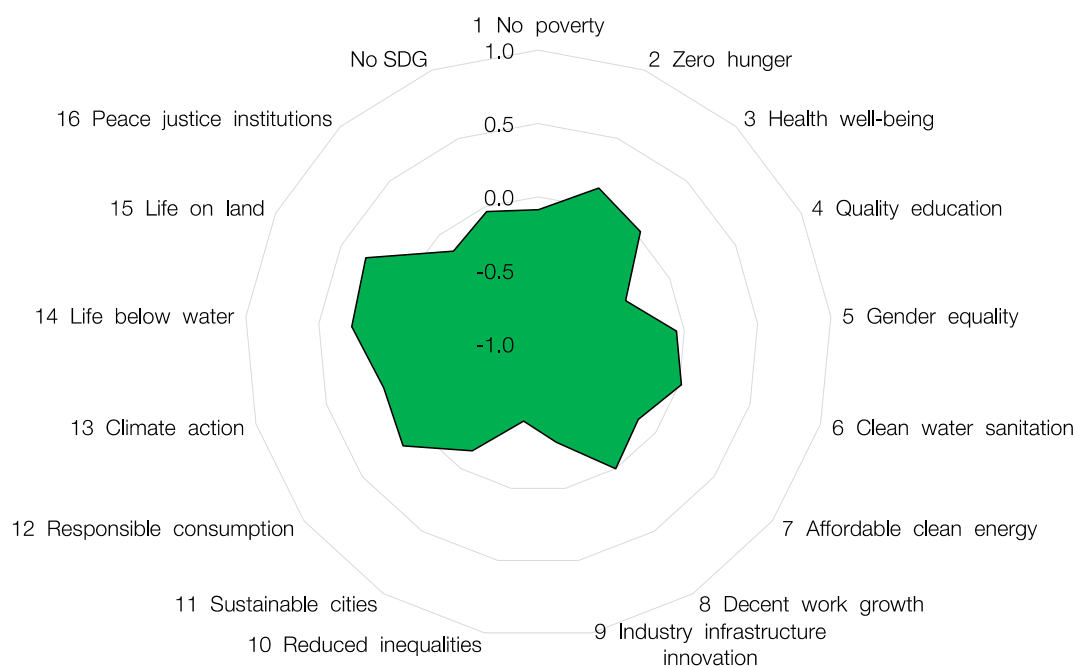
SDGs Research Specialisation in Croatia - 2015-2019



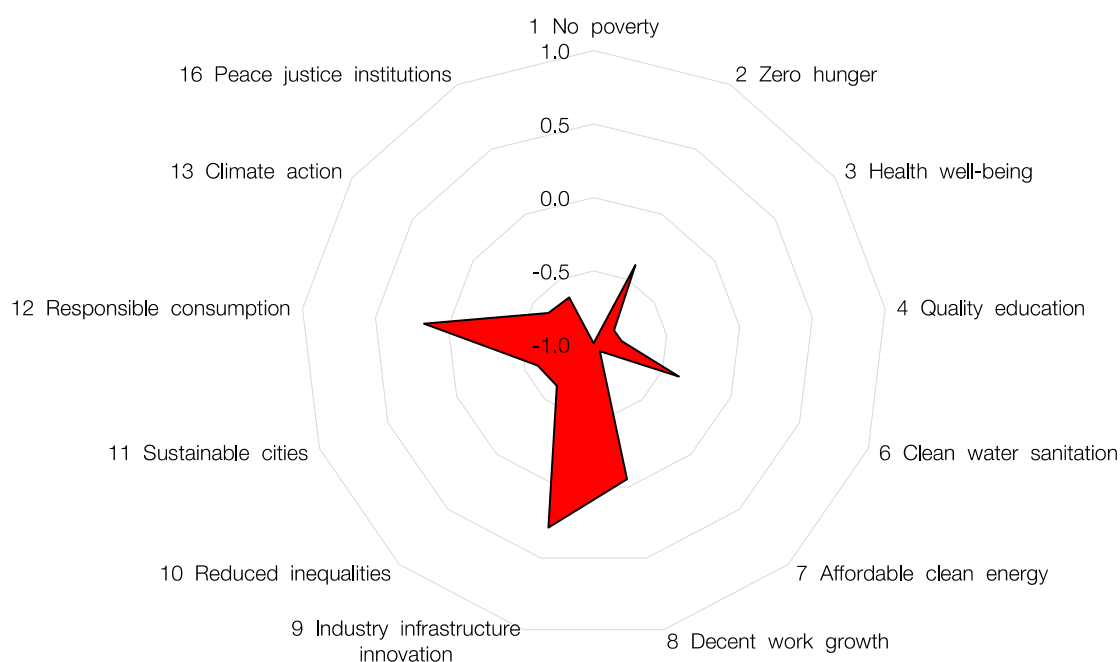
SDGs Score (Challenges) in Cuba - 2008-2017



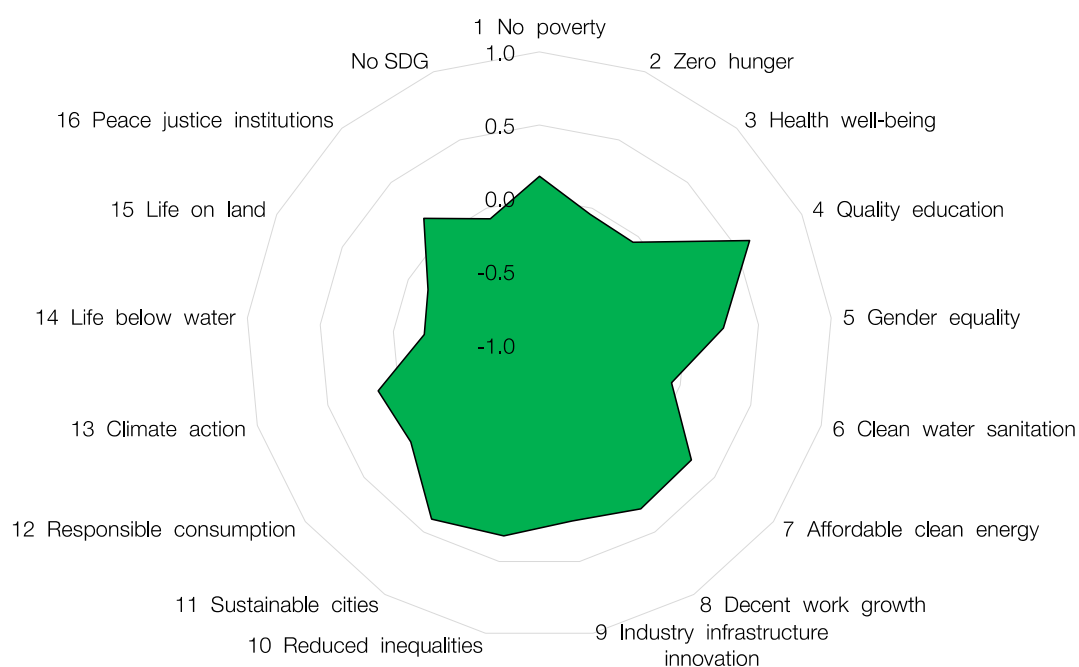
SDGs Research Specialisation in Cuba - 2015-2019



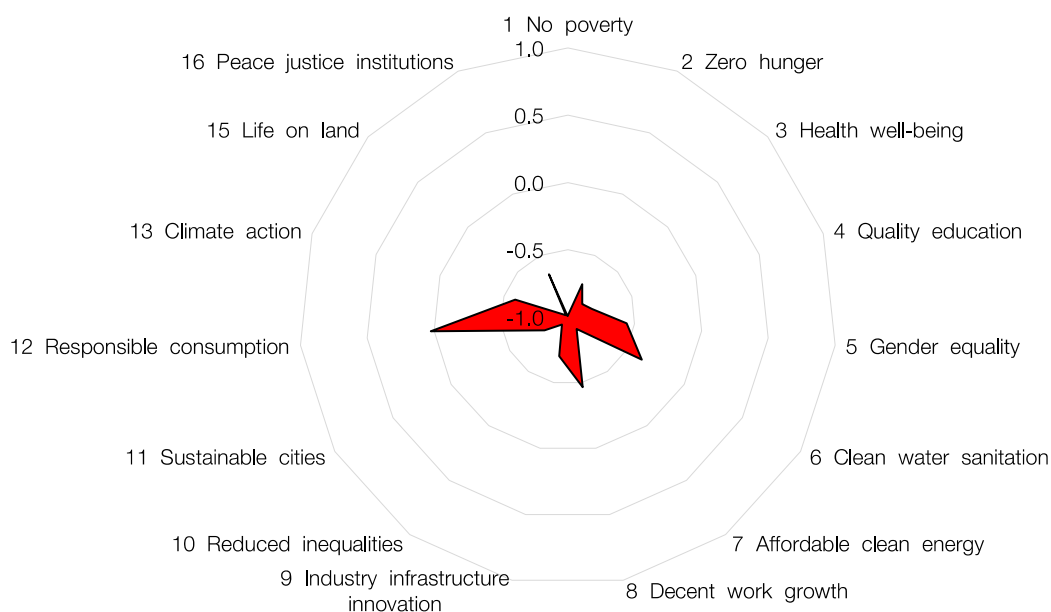
SDGs Score (Challenges) in Cyprus - 2008-2017



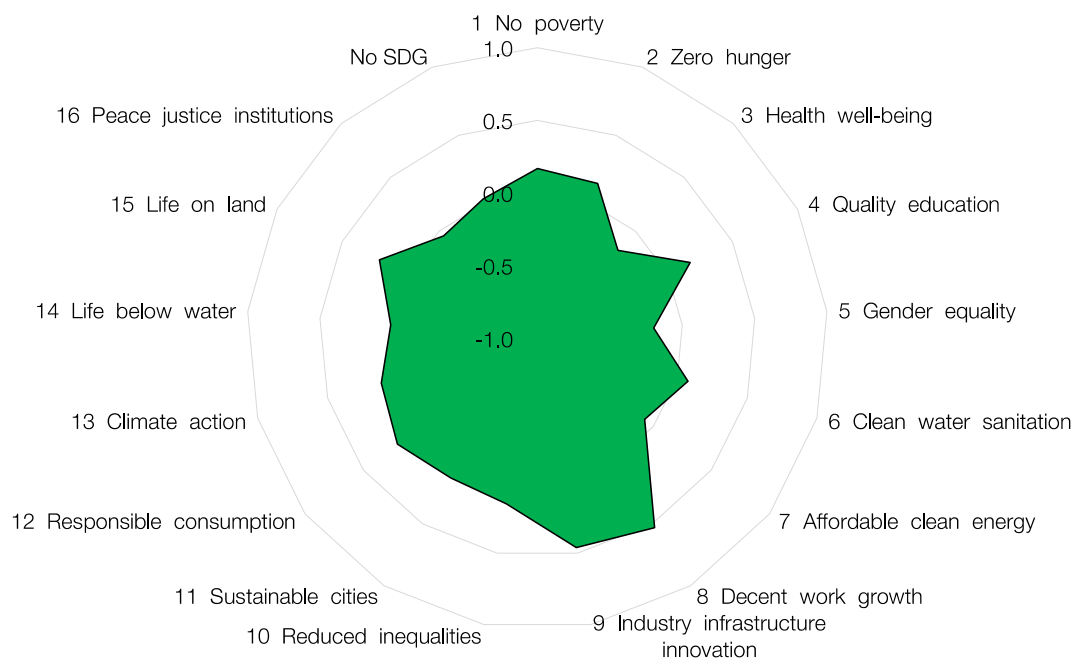
SDGs Research Specialisation in Cyprus - 2015-2019



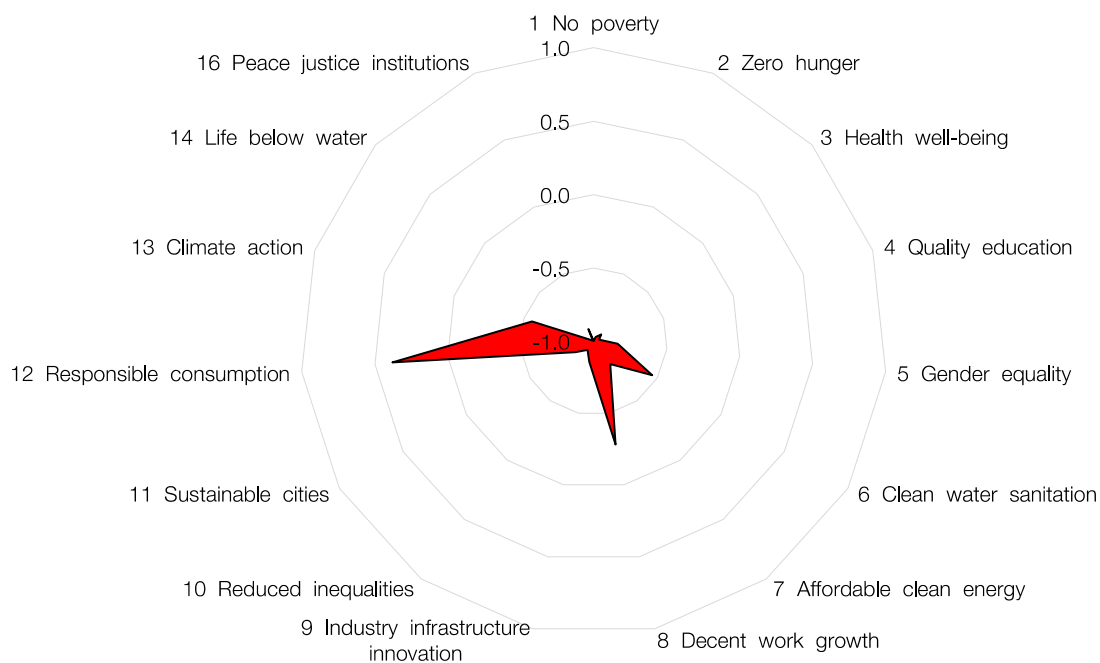
SDGs Score (Challenges) in Czech Republic - 2008-2017



SDGs Research Specialisation in Czech Republic - 2015-2019



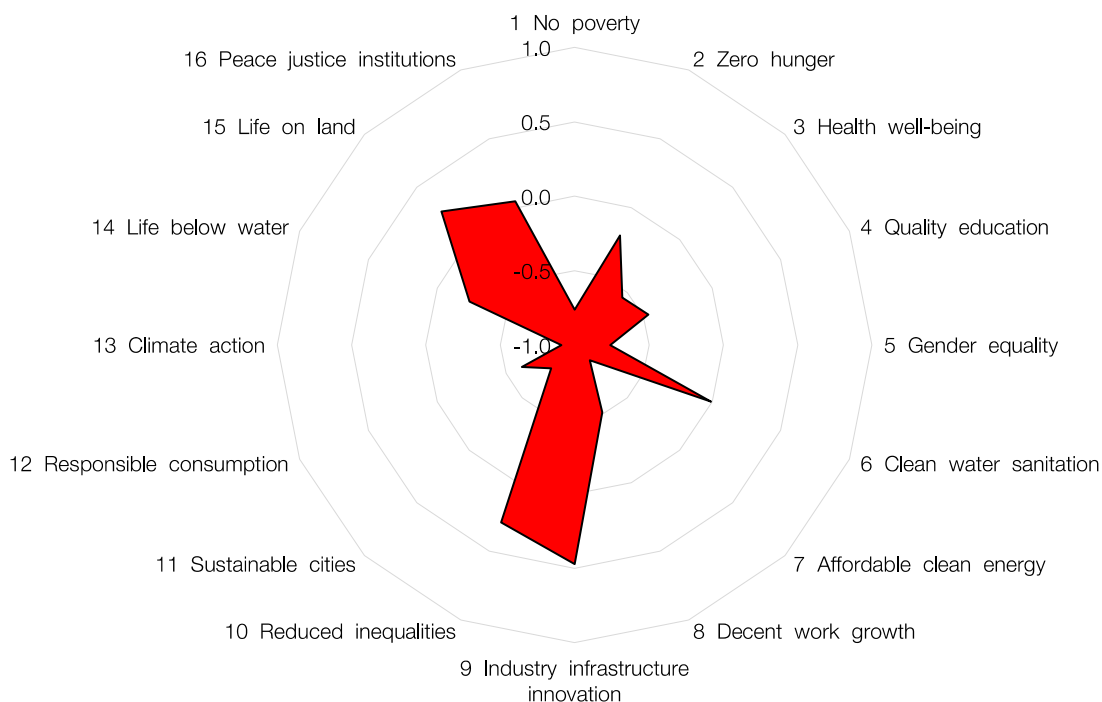
SDGs Score (Challenges) in Denmark - 2008-2017



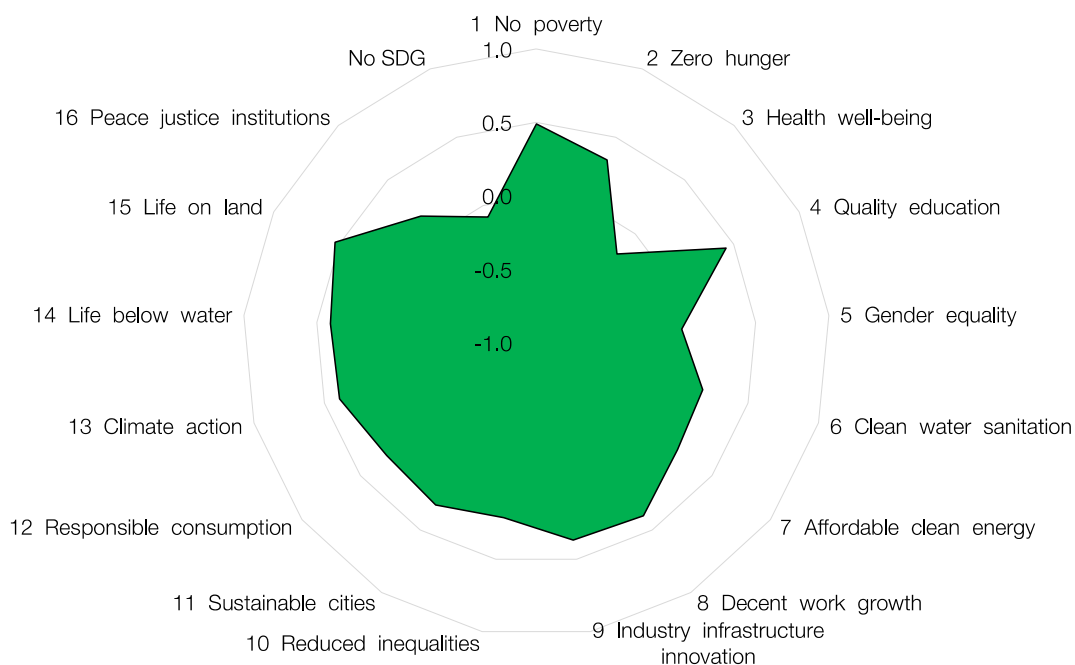
SDGs Research Specialisation in Denmark - 2015-2019



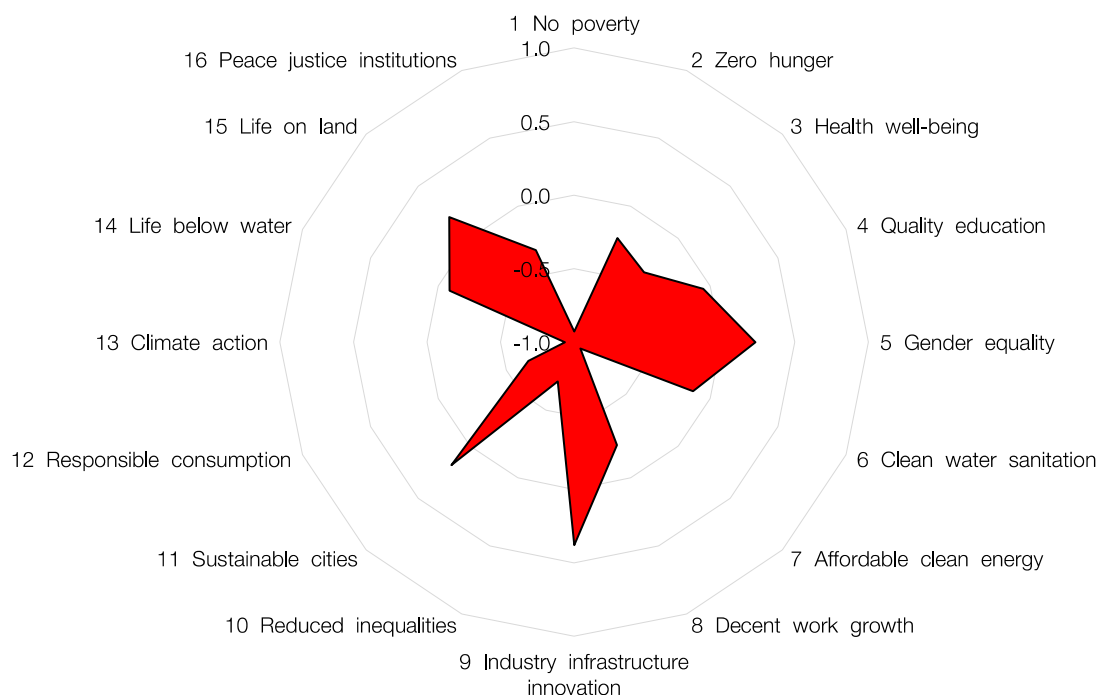
SDGs Score (Challenges) in Ecuador - 2008-2017



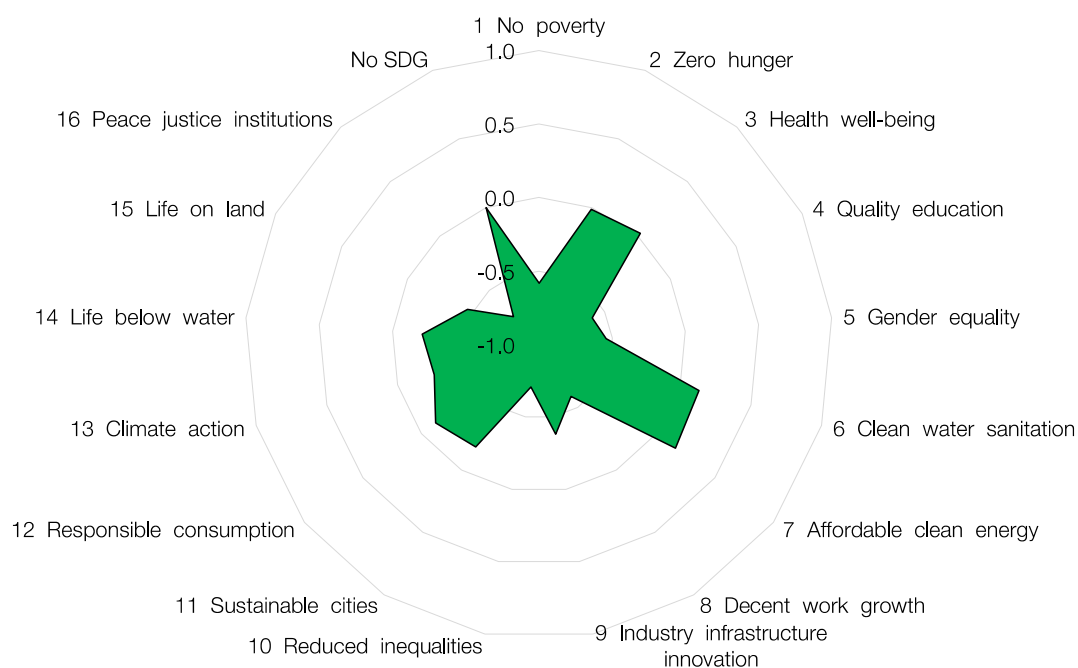
SDGs Research Specialisation in Ecuador - 2015-2019



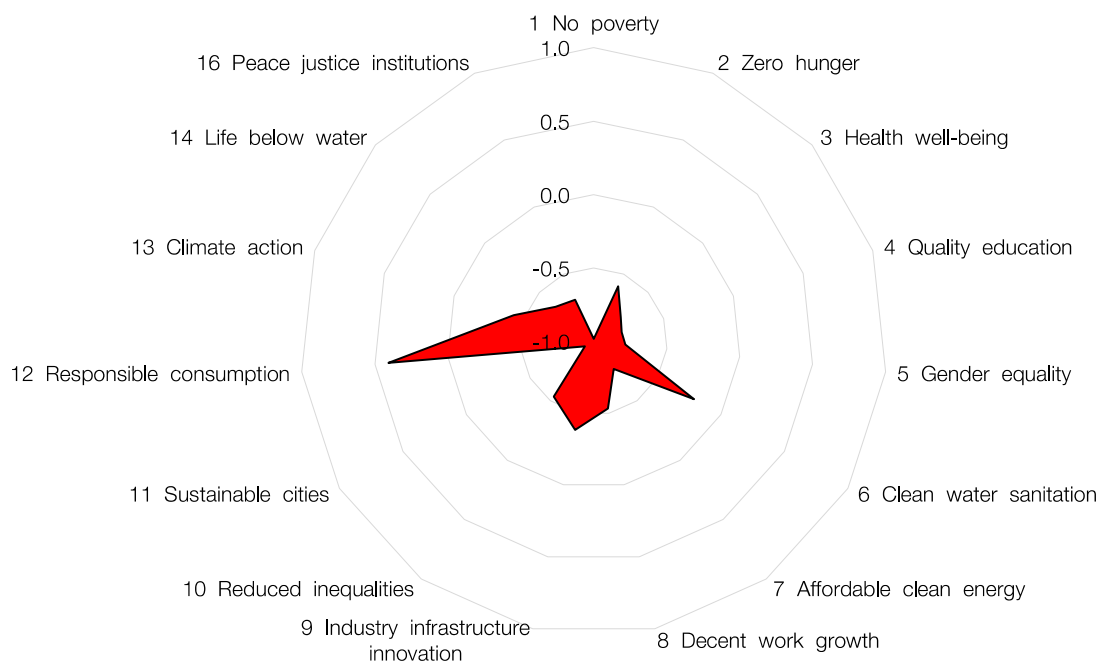
SDGs Score (Challenges) in Egypt - 2008-2017



SDGs Research Specialisation in Egypt - 2015-2019



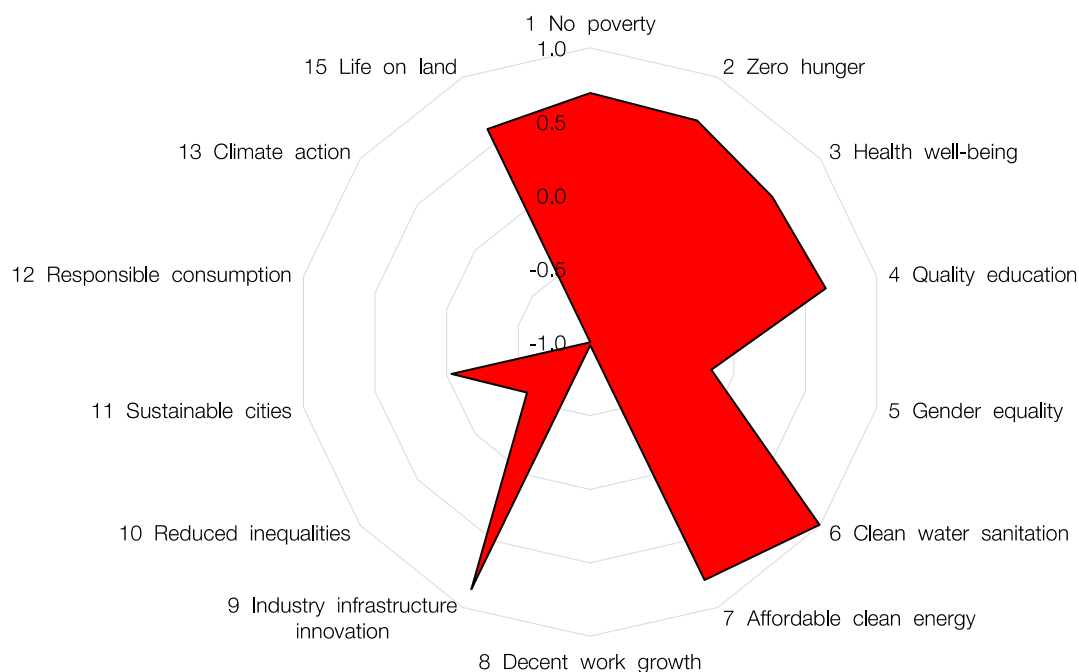
SDGs Score (Challenges) in Estonia - 2008-2017



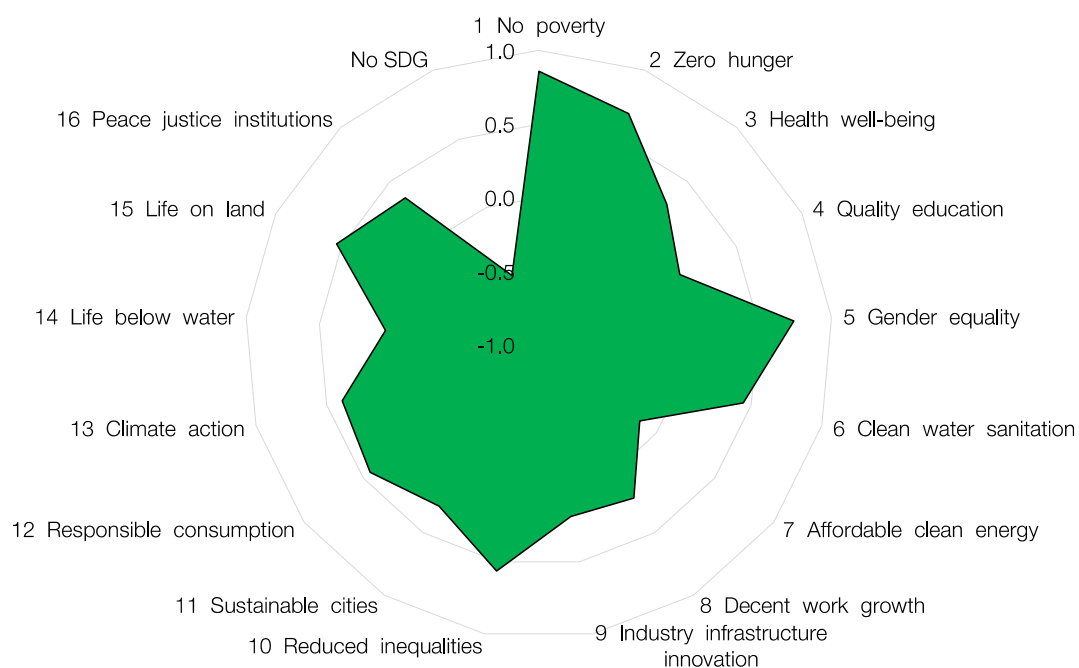
SDGs Research Specialisation in Estonia - 2015-2019



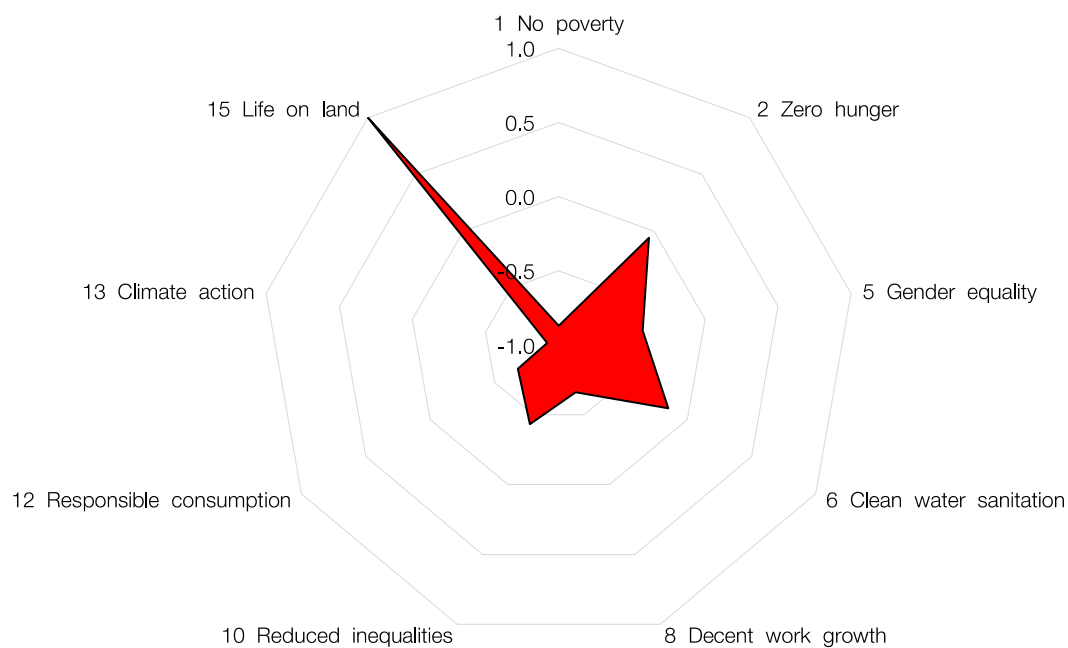
SDGs Score (Challenges) in Ethiopia - 2008-2017



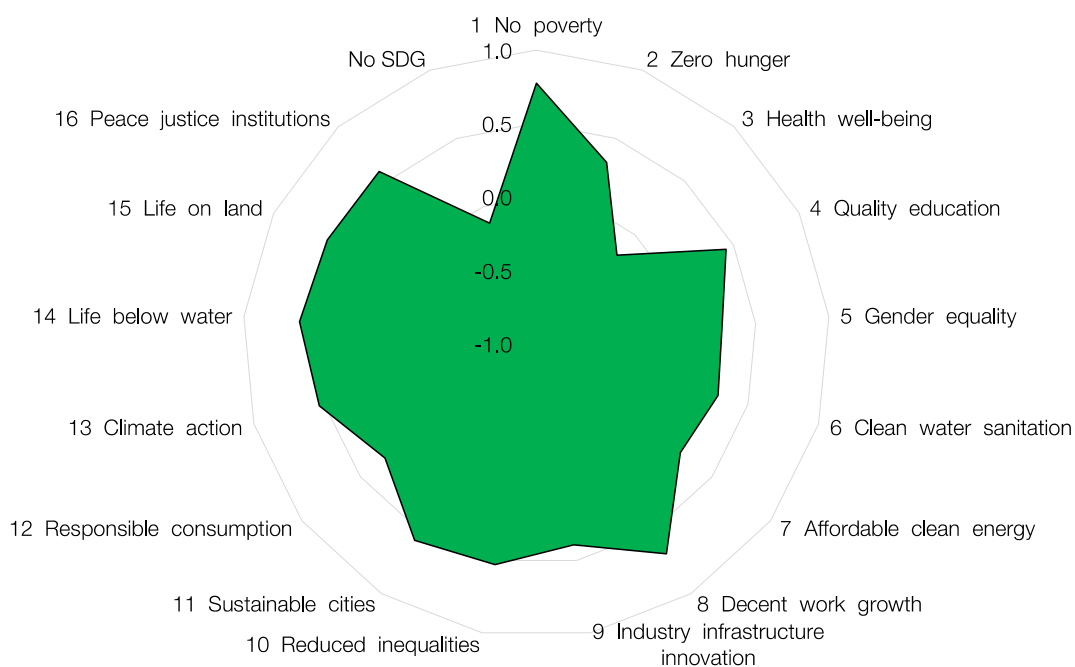
SDGs Research Specialisation in Ethiopia - 2015-2019



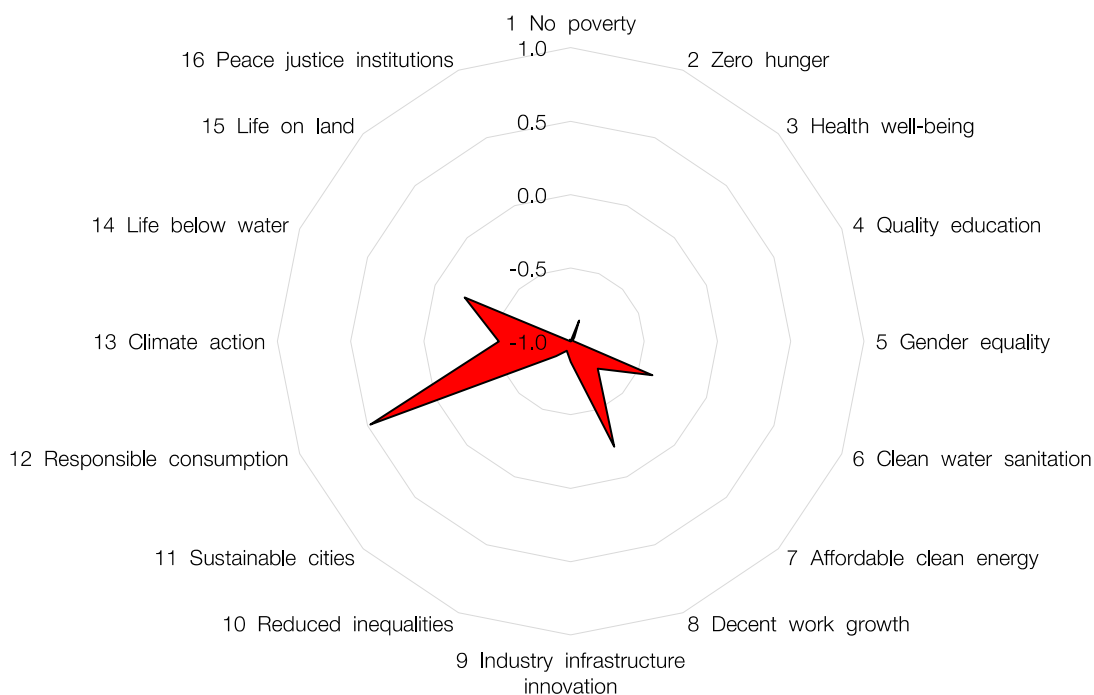
SDGs Score (Challenges) in Fiji - 2008-2017



SDGs Research Specialisation in Fiji - 2015-2019



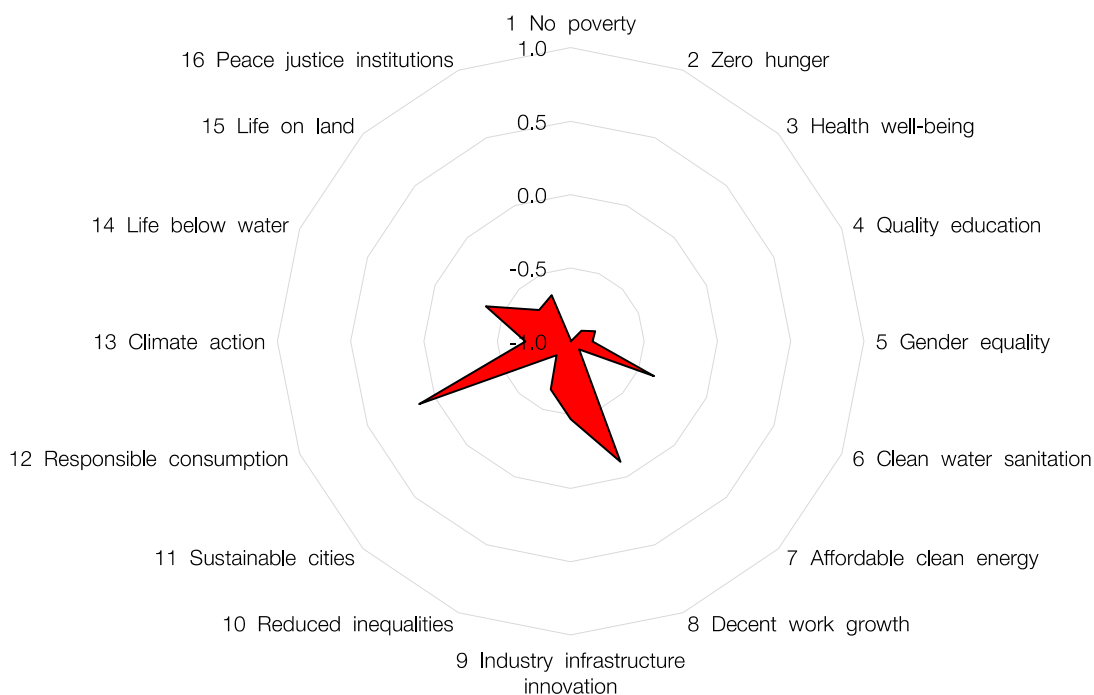
SDGs Score (Challenges) in Finland - 2008-2017



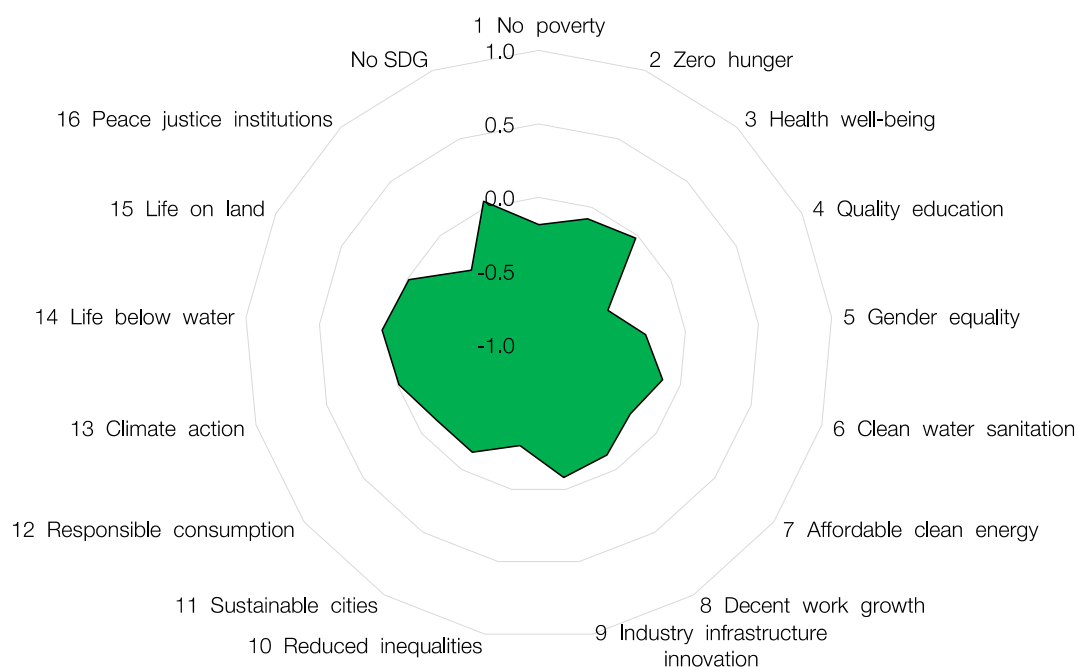
SDGs Research Specialisation in Finland - 2015-2019



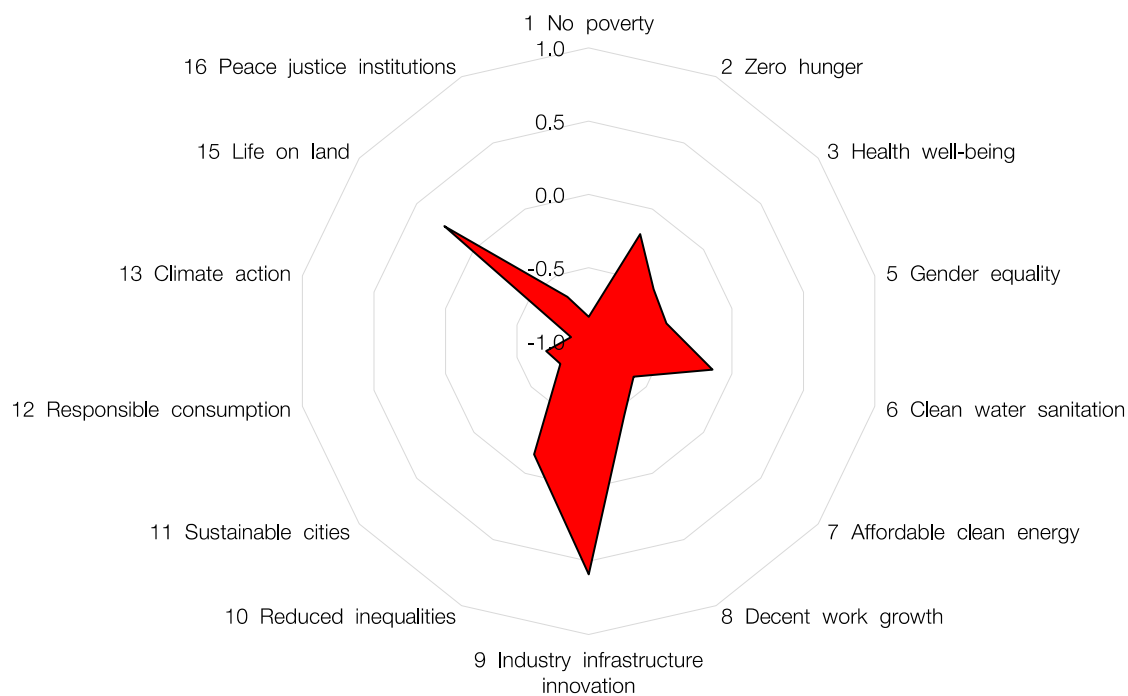
SDGs Score (Challenges) in France - 2008-2017



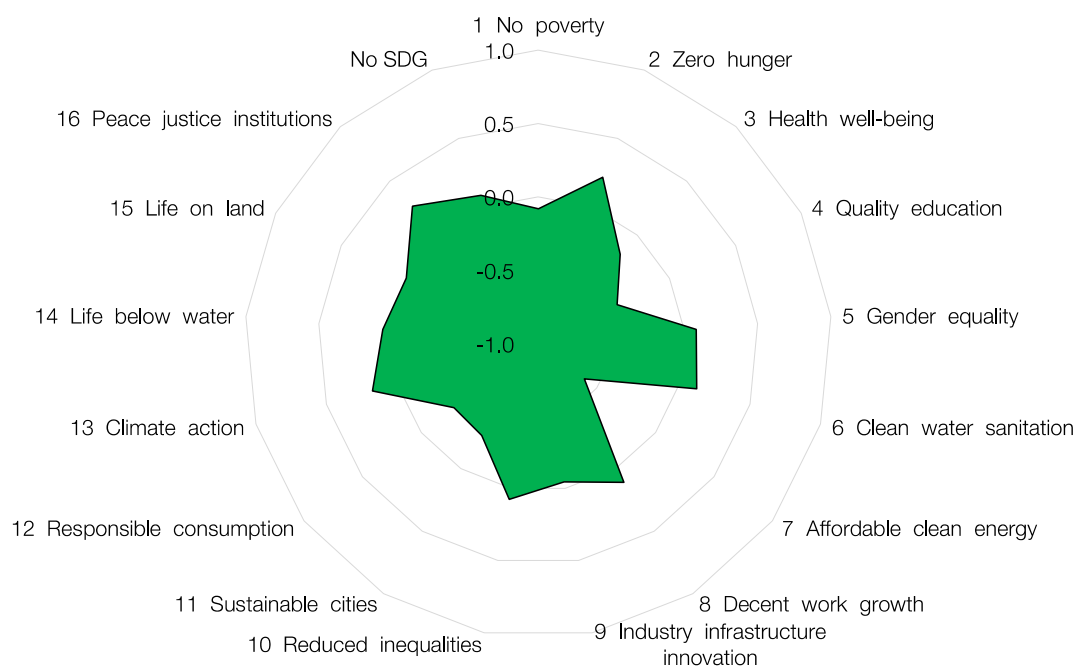
SDGs Research Specialisation in France - 2015-2019



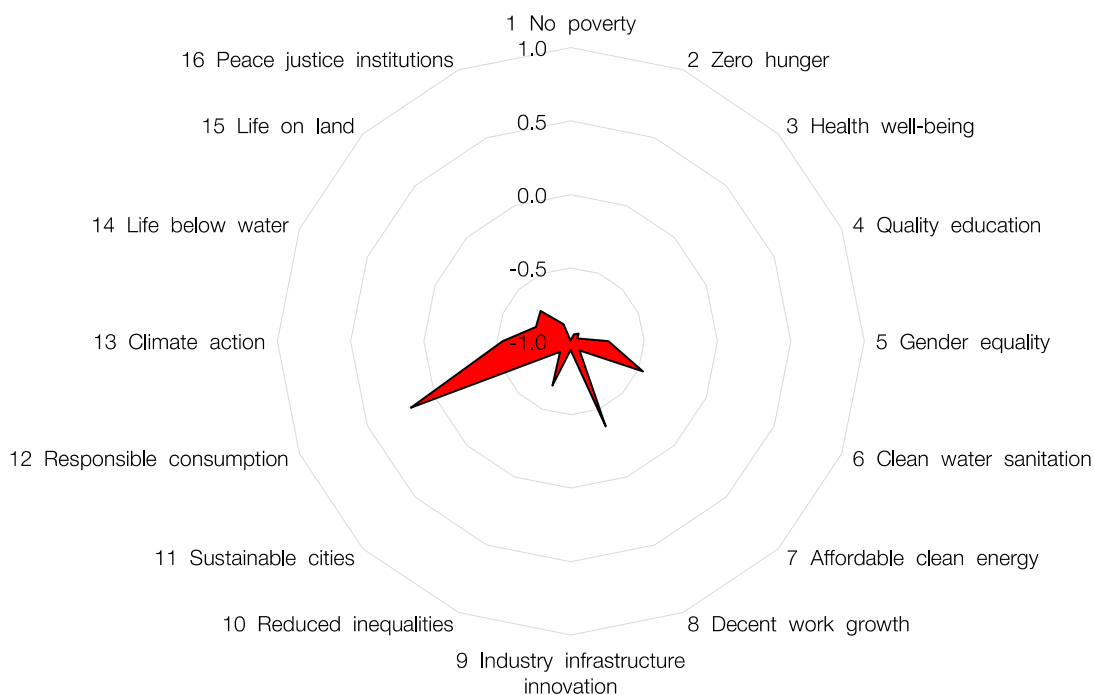
SDGs Score (Challenges) in Georgia - 2008-2017



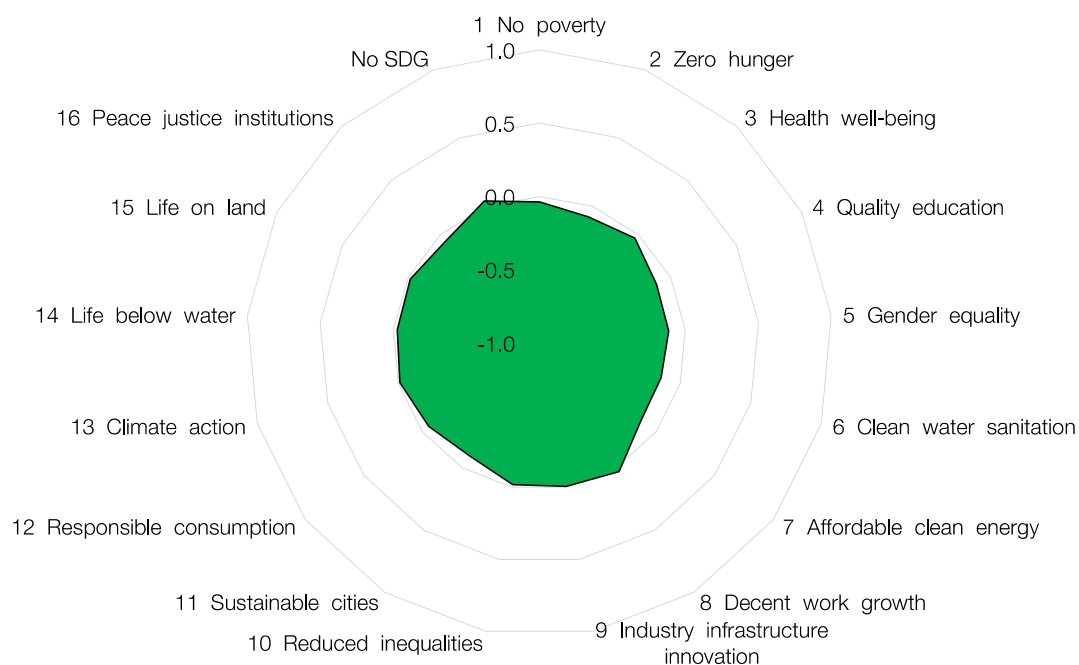
SDGs Research Specialisation in Georgia - 2015-2019



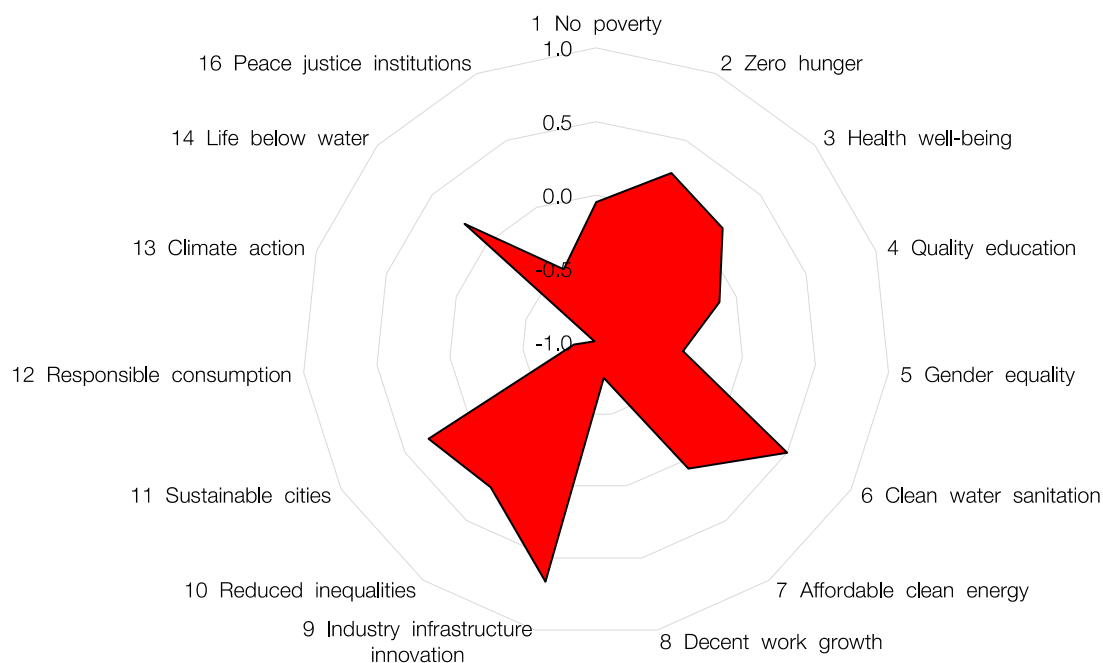
SDGs Score (Challenges) in Germany - 2008-2017



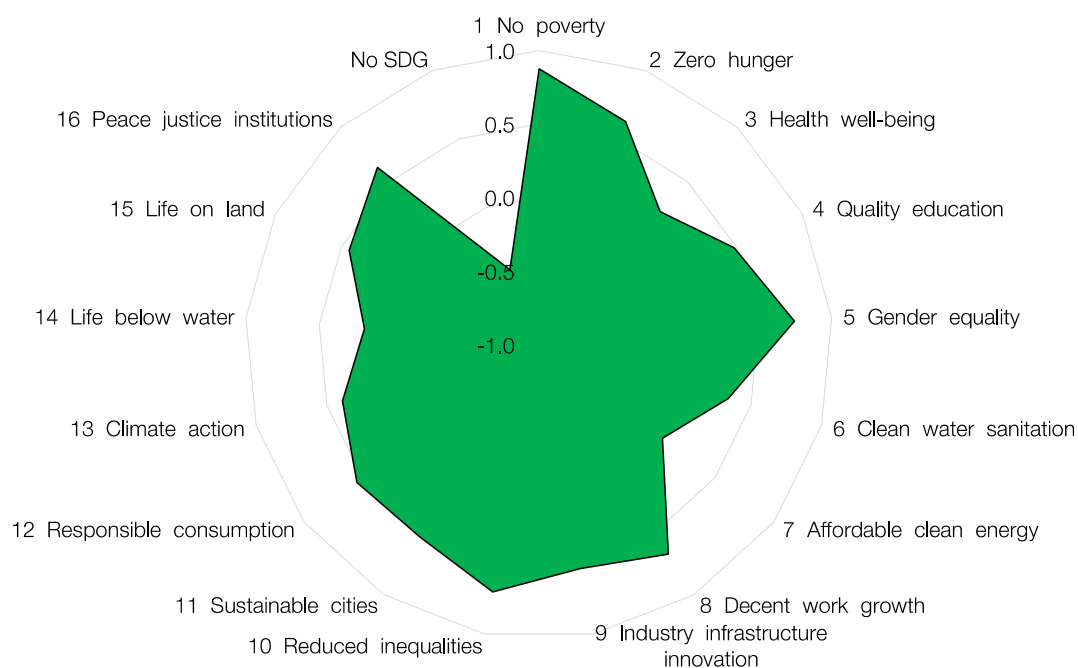
SDGs Research Specialisation in Germany - 2015-2019



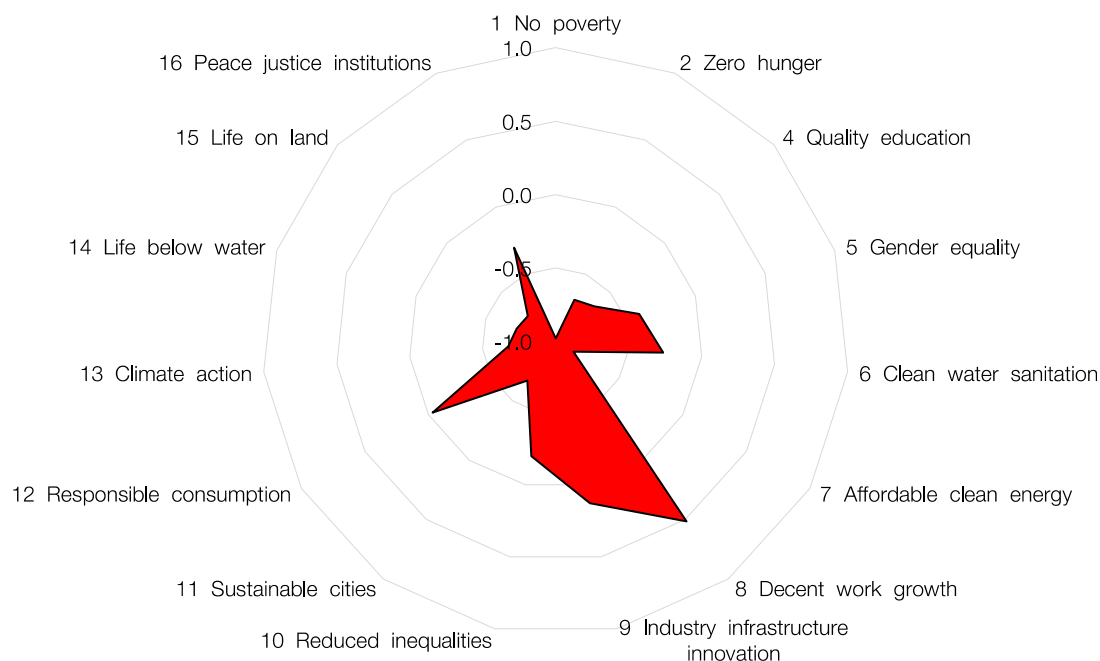
SDGs Score (Challenges) in Ghana - 2008-2017



SDGs Research Specialisation in Ghana - 2015-2019



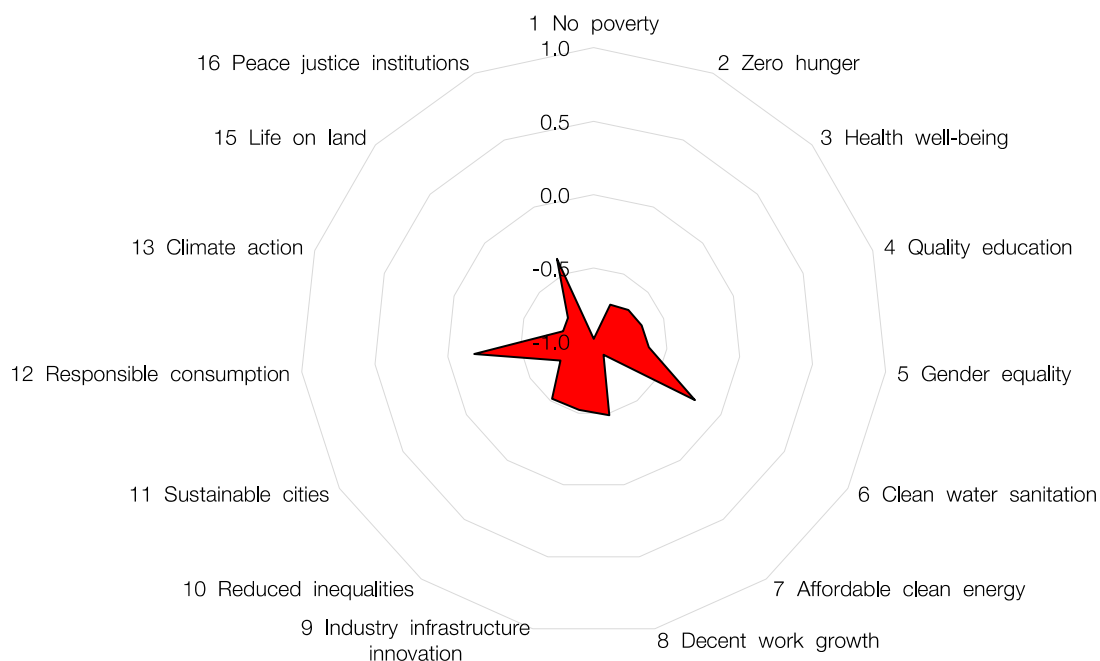
SDGs Score (Challenges) in Greece - 2008-2017



SDGs Research Specialisation in Greece - 2015-2019



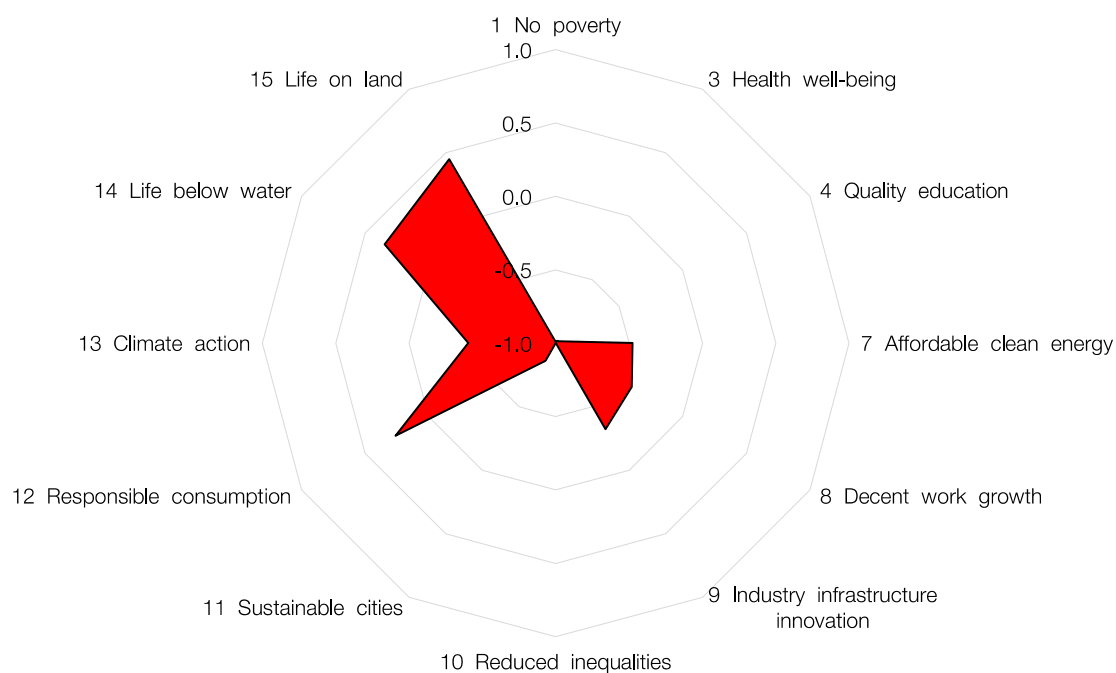
SDGs Score (Challenges) in Hungary - 2008-2017



SDGs Research Specialisation in Hungary - 2015-2019



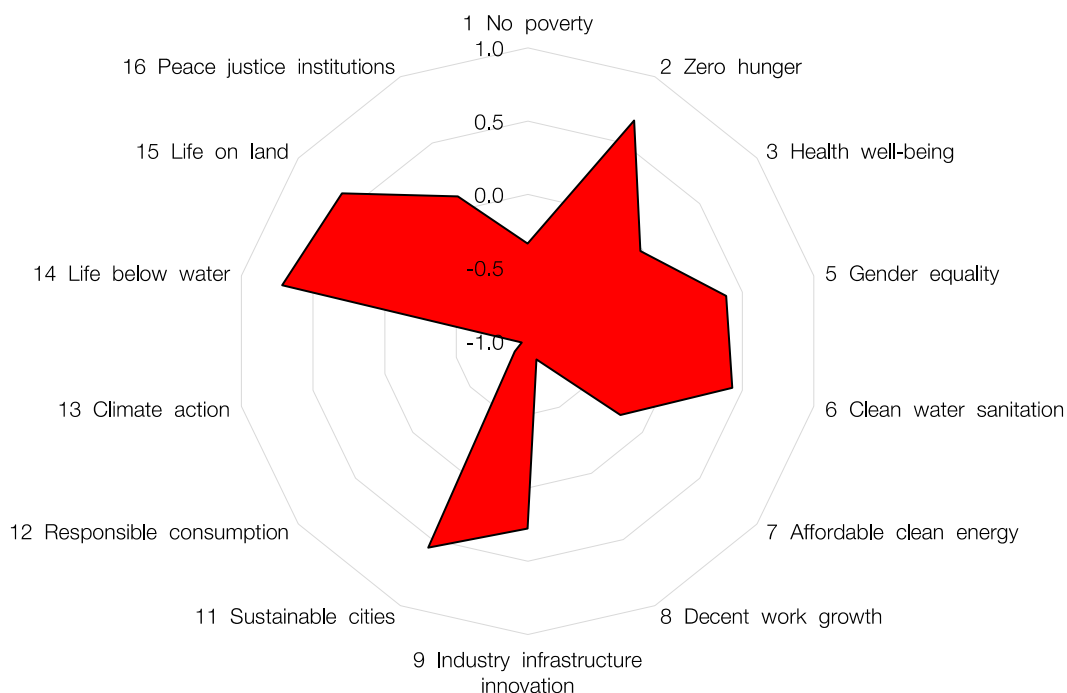
SDGs Score (Challenges) in Iceland - 2008-2017



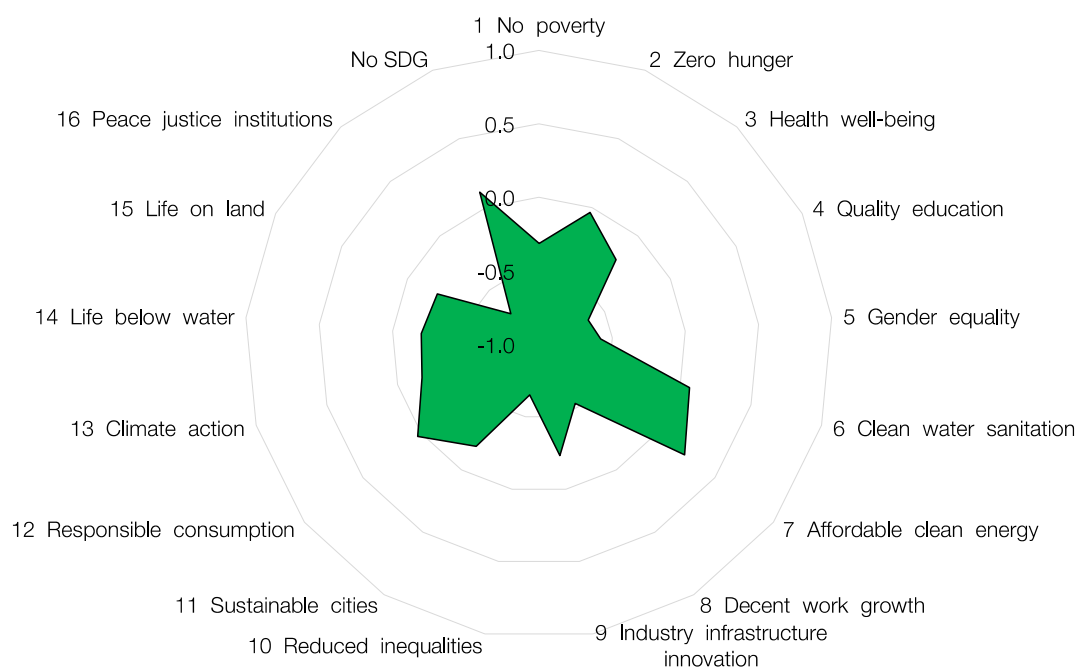
SDGs Research Specialisation in Iceland - 2015-2019



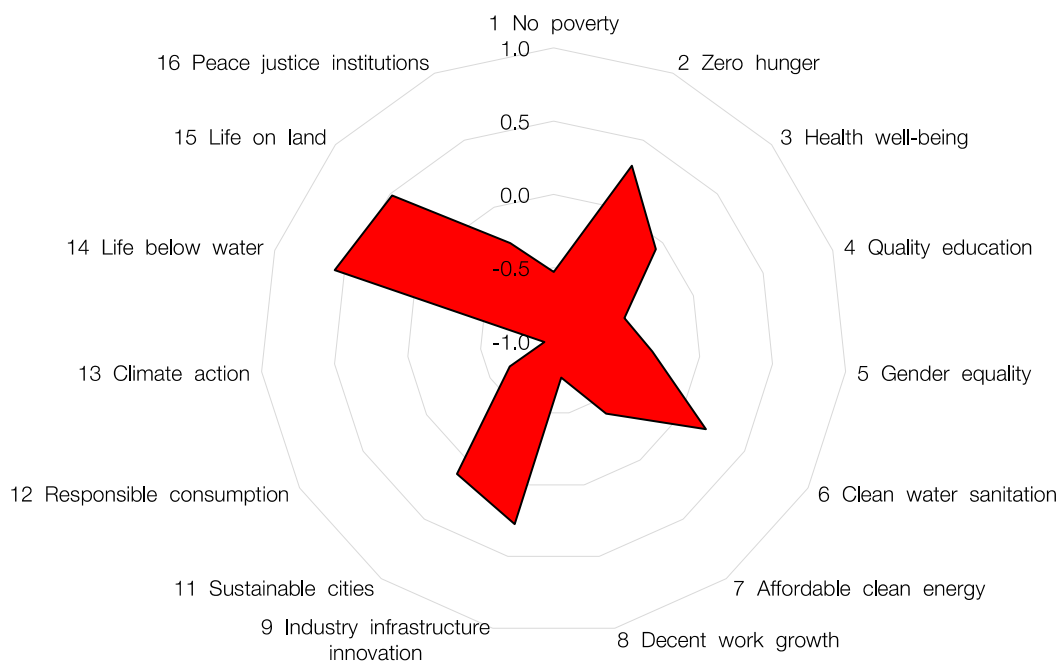
SDGs Score (Challenges) in India - 2008-2017



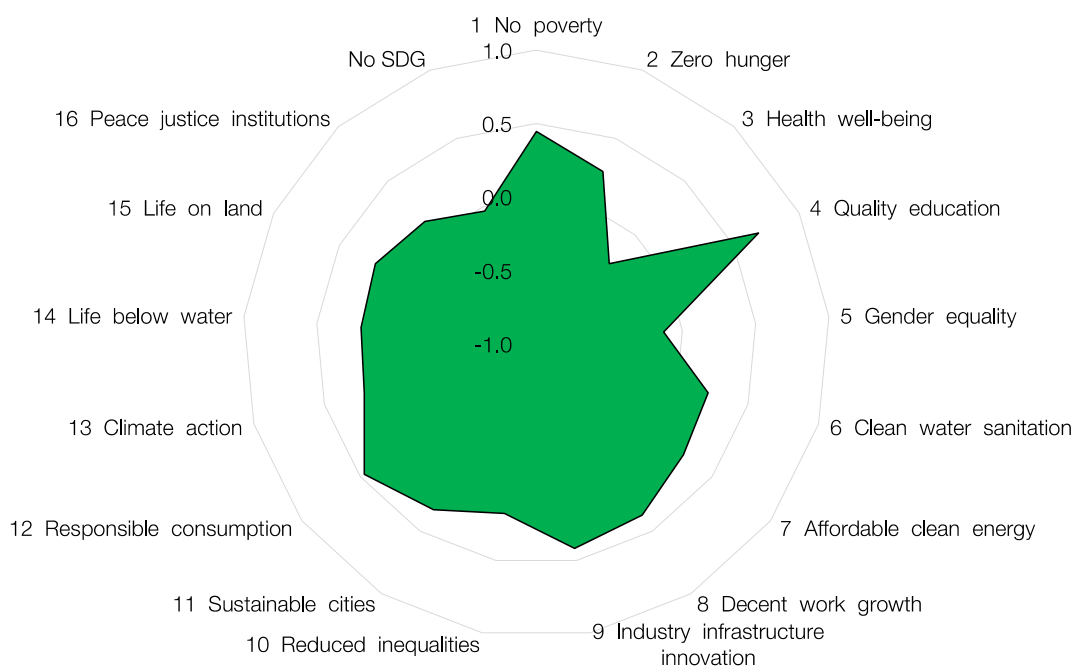
SDGs Research Specialisation in India - 2015-2019



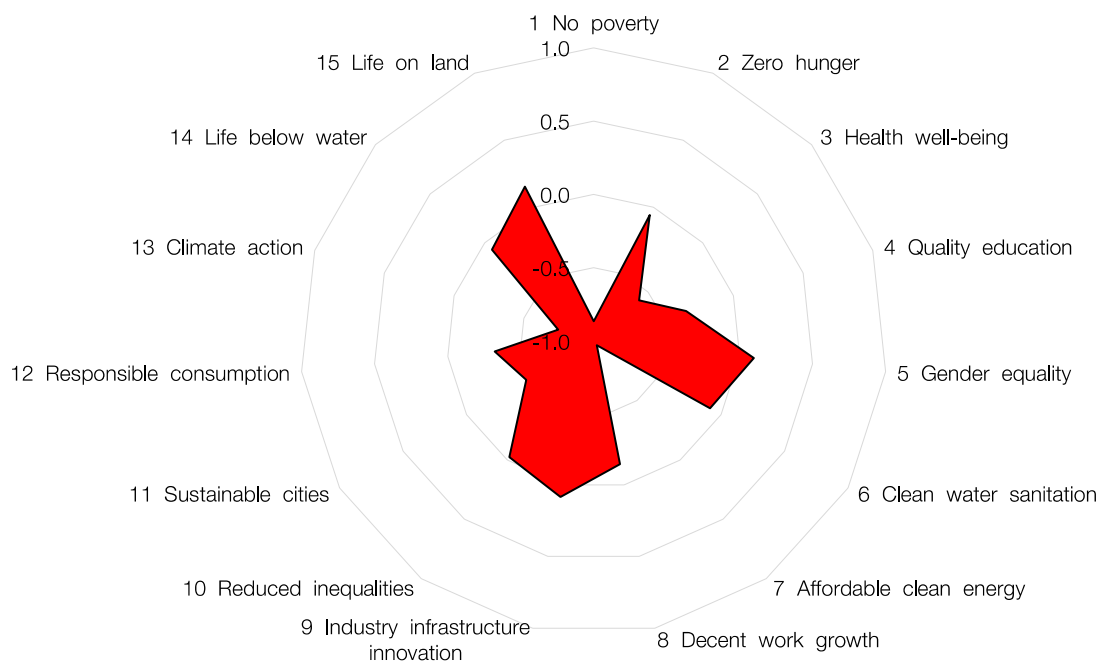
SDGs Score (Challenges) in Indonesia - 2008-2017



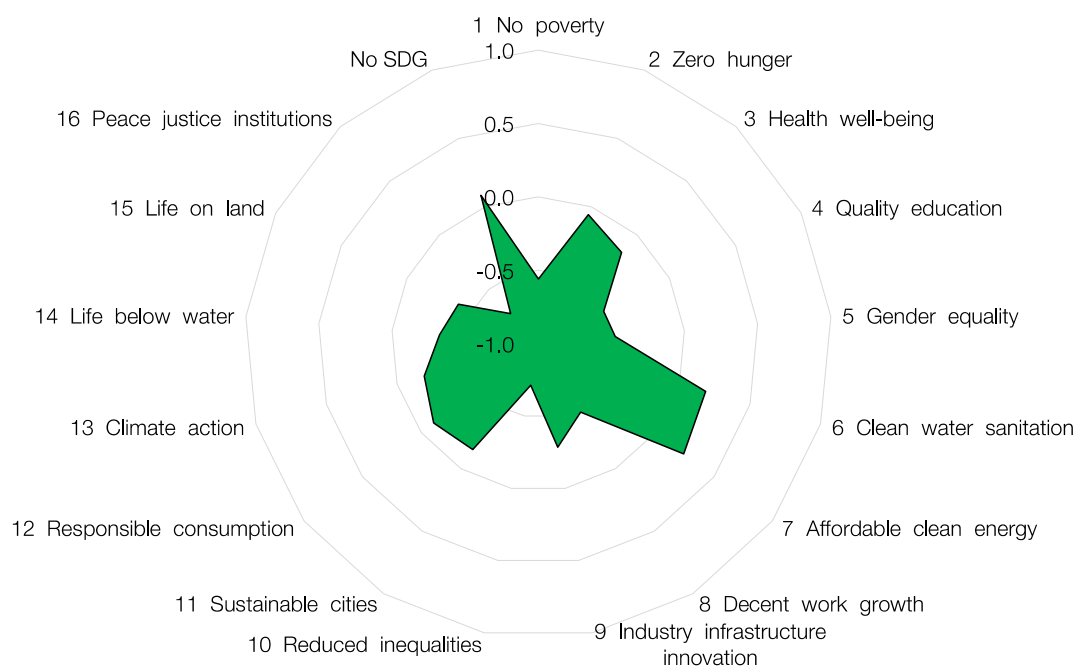
SDGs Research Specialisation in Indonesia - 2015-2019



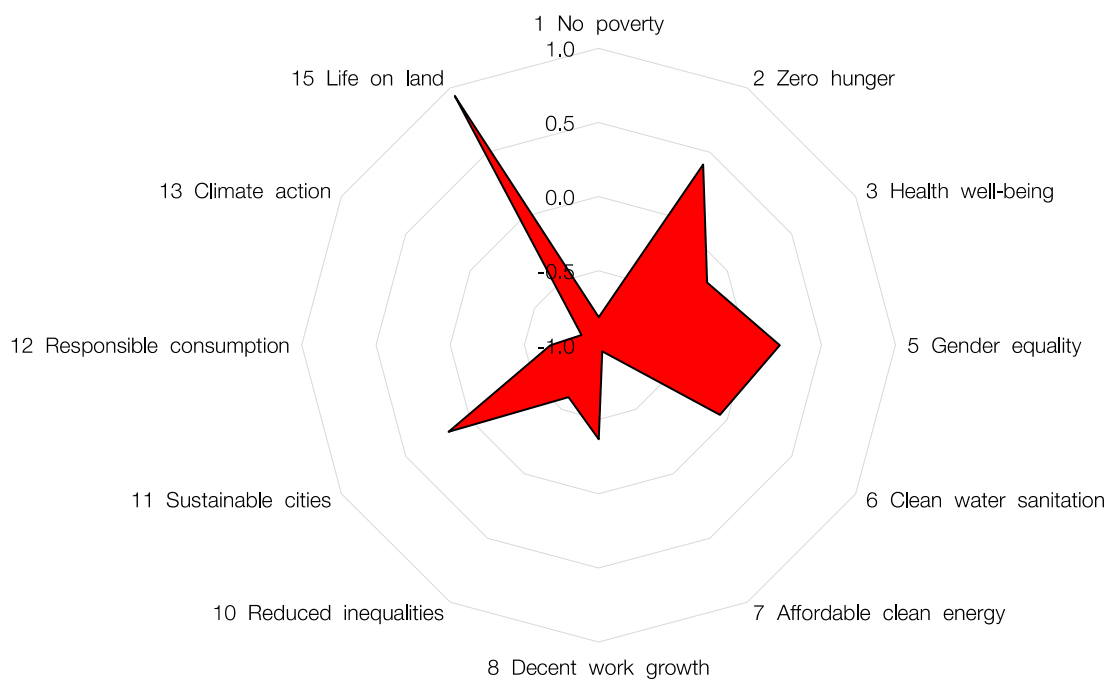
SDGs Score (Challenges) in Iran - 2008-2017



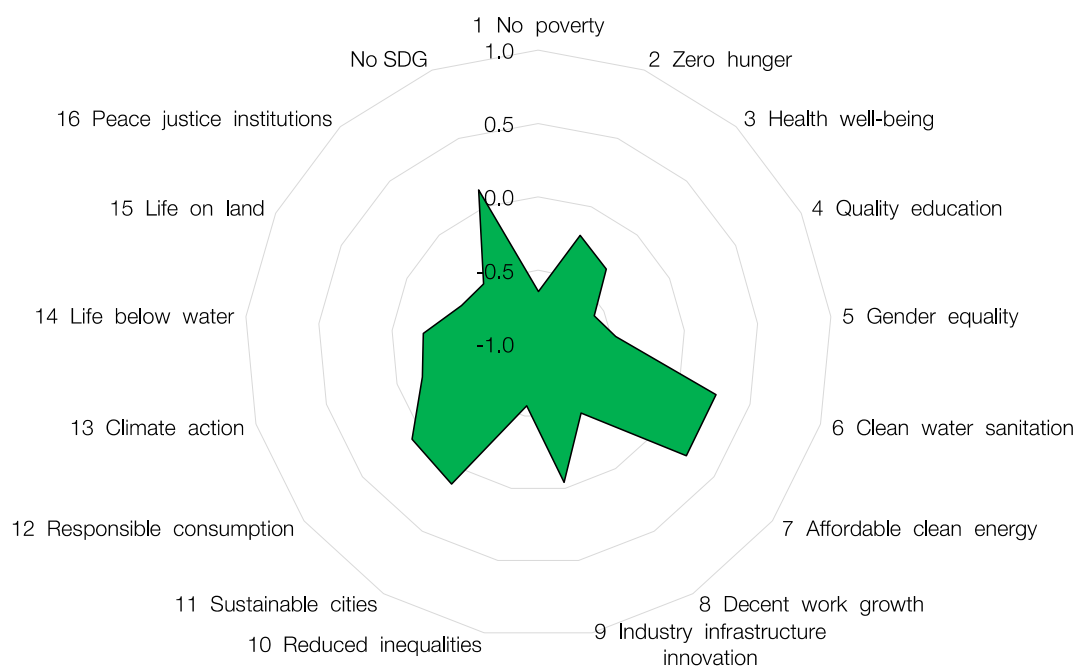
SDGs Research Specialisation in Iran - 2015-2019



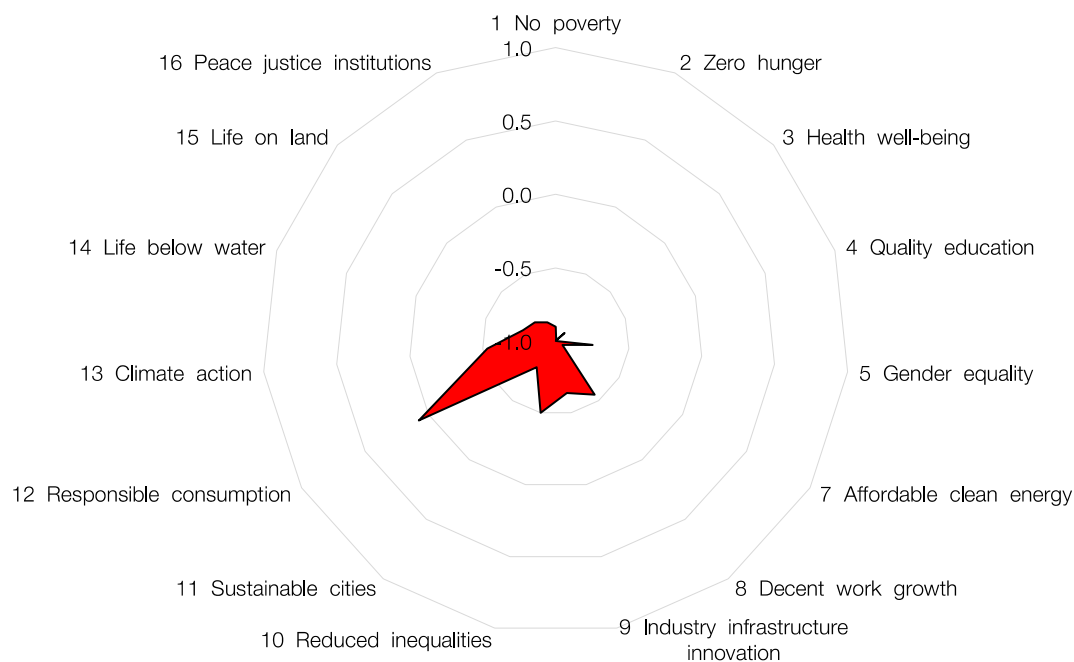
SDGs Score (Challenges) in Iraq - 2008-2017



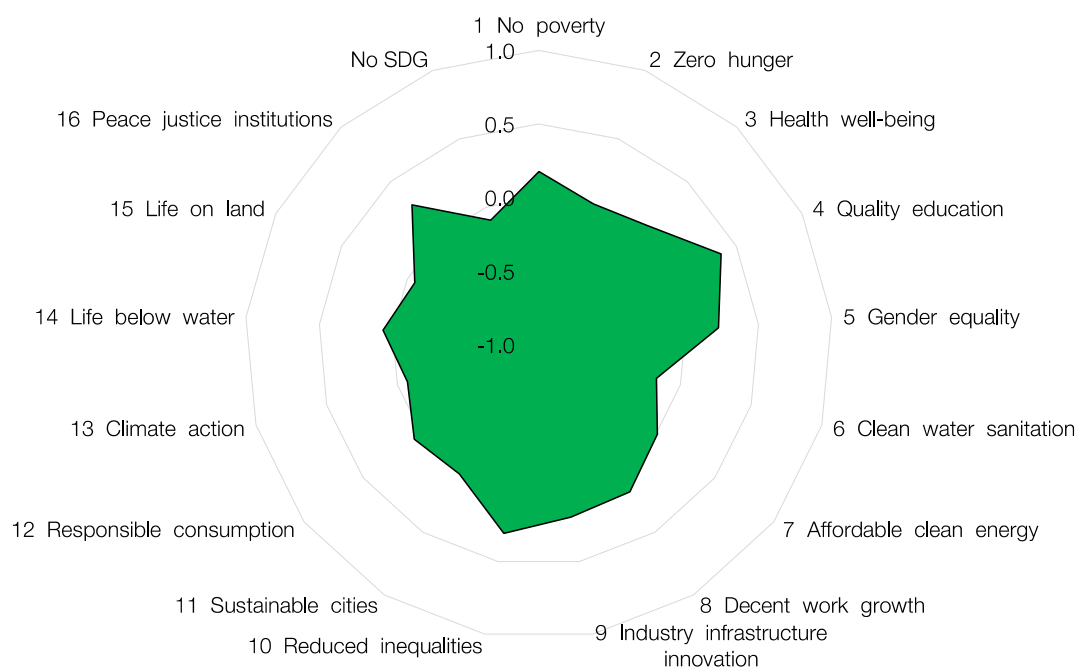
SDGs Research Specialisation in Iraq - 2015-2019



SDGs Score (Challenges) in Ireland - 2008-2017



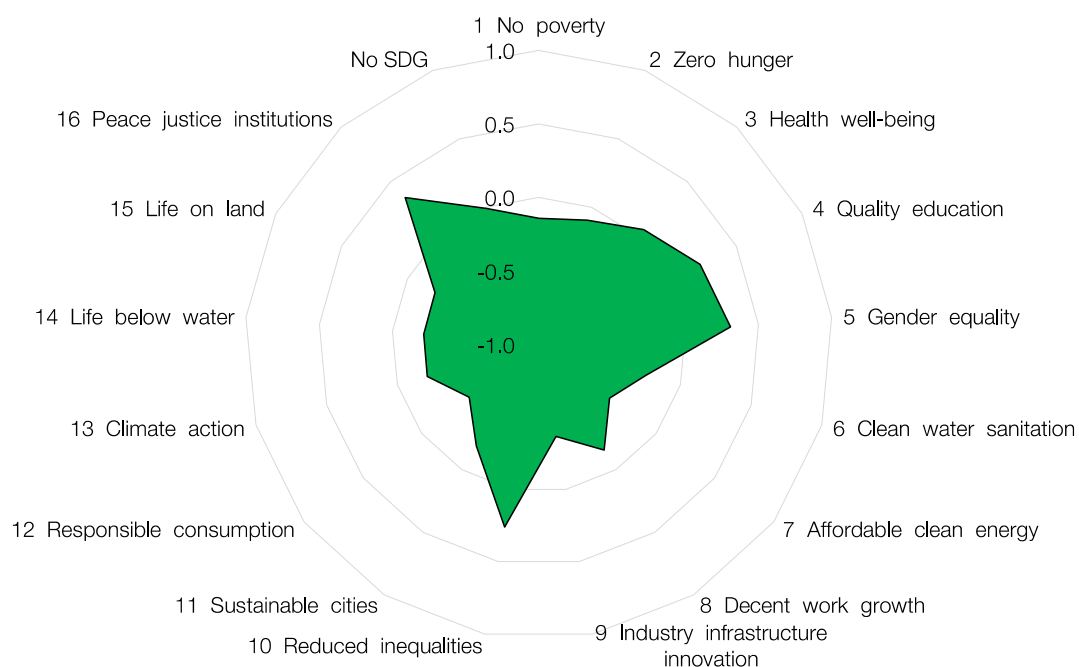
SDGs Research Specialisation in Ireland - 2015-2019



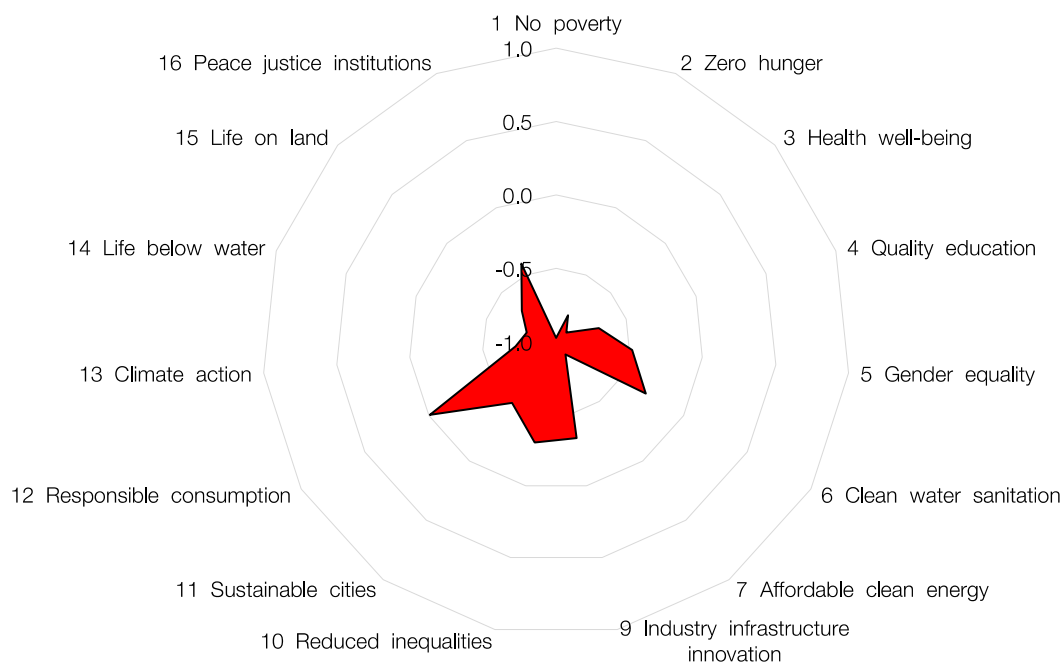
SDGs Score (Challenges) in Israel - 2008-2017



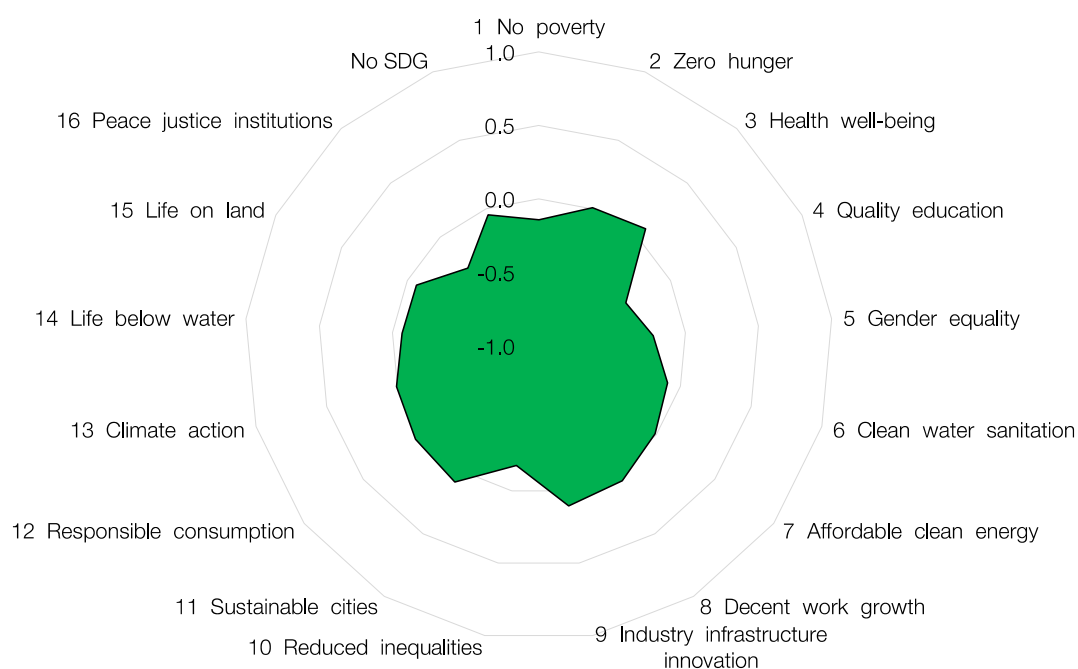
SDGs Research Specialisation in Israel - 2015-2019



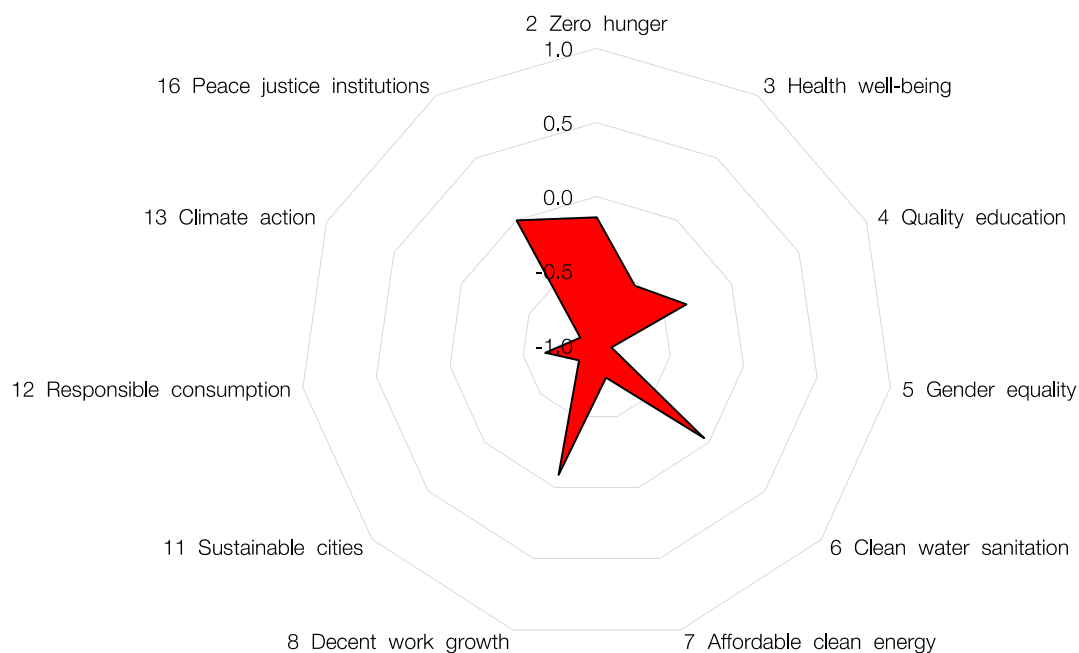
SDGs Score (Challenges) in Italy - 2008-2017



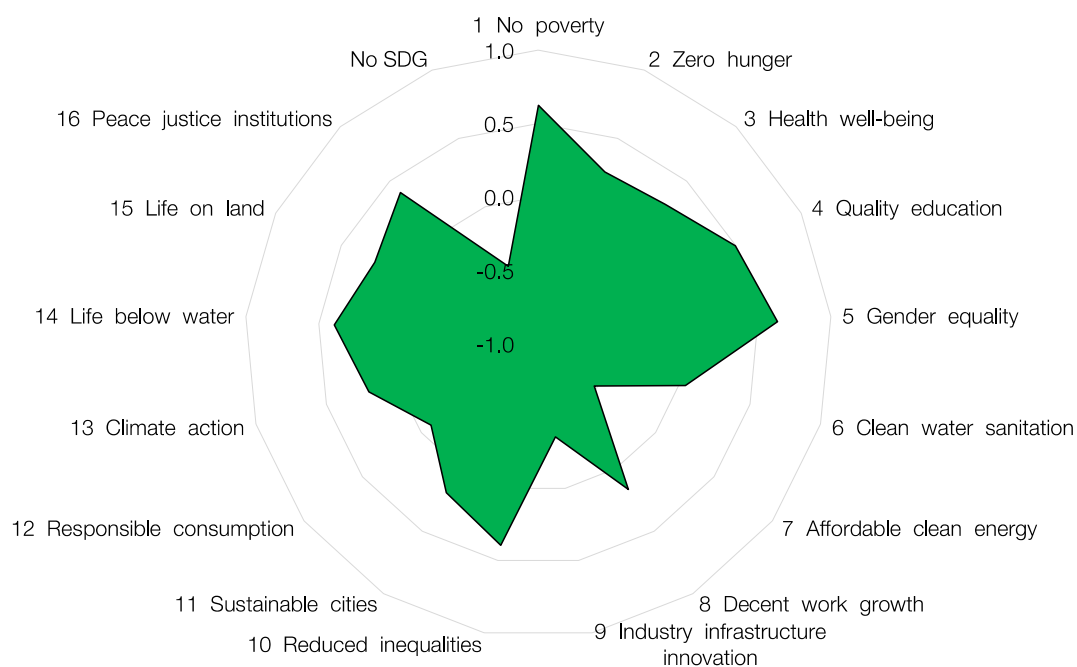
SDGs Research Specialisation in Italy - 2015-2019



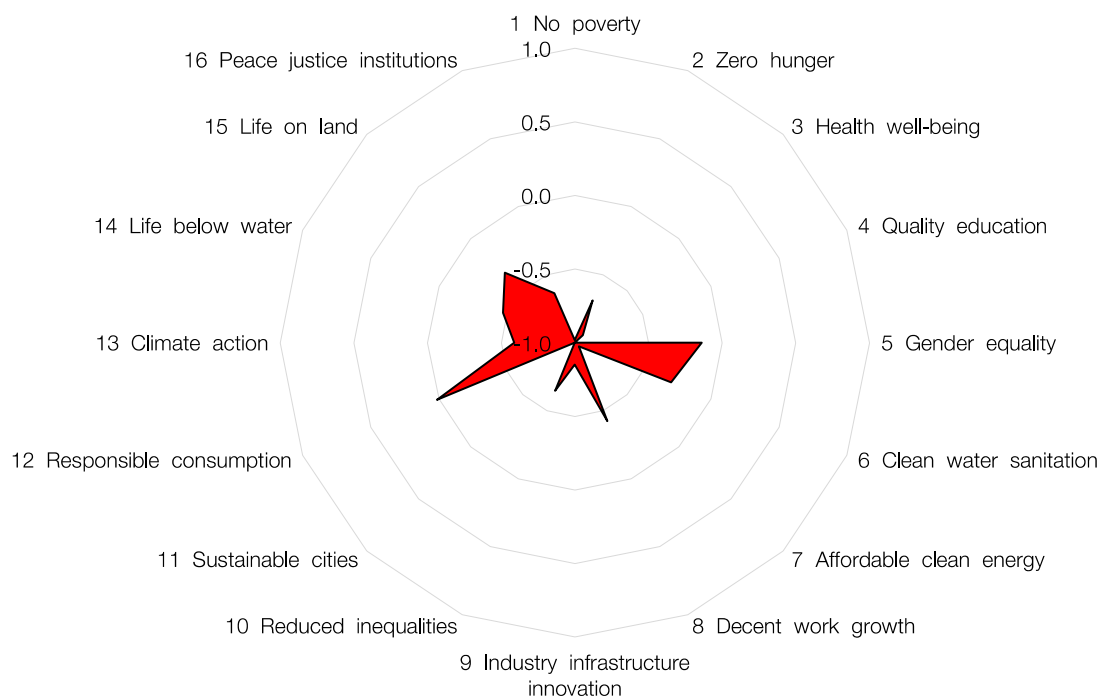
SDGs Score (Challenges) in Jamaica - 2008-2017



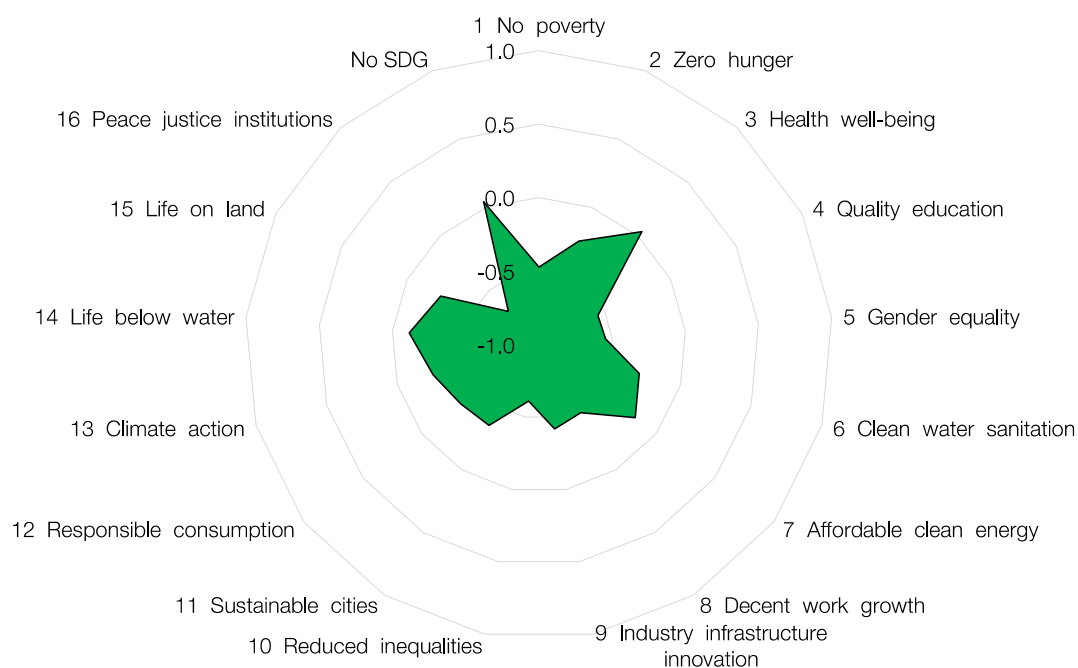
SDGs Research Specialisation in Jamaica - 2015-2019



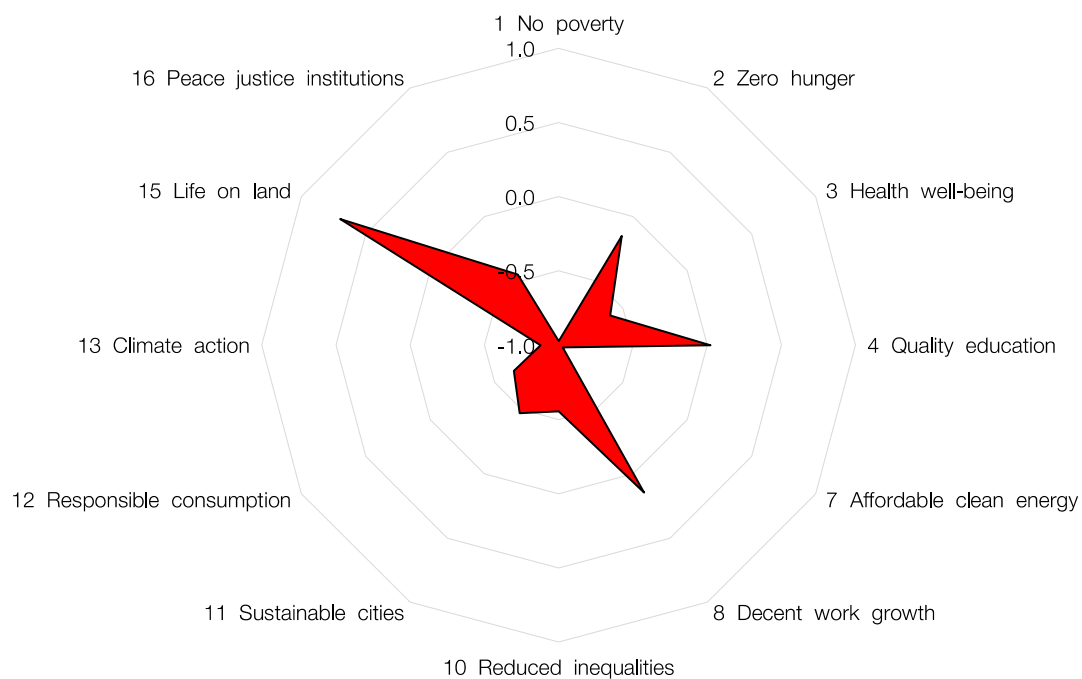
SDGs Score (Challenges) in Japan - 2008-2017



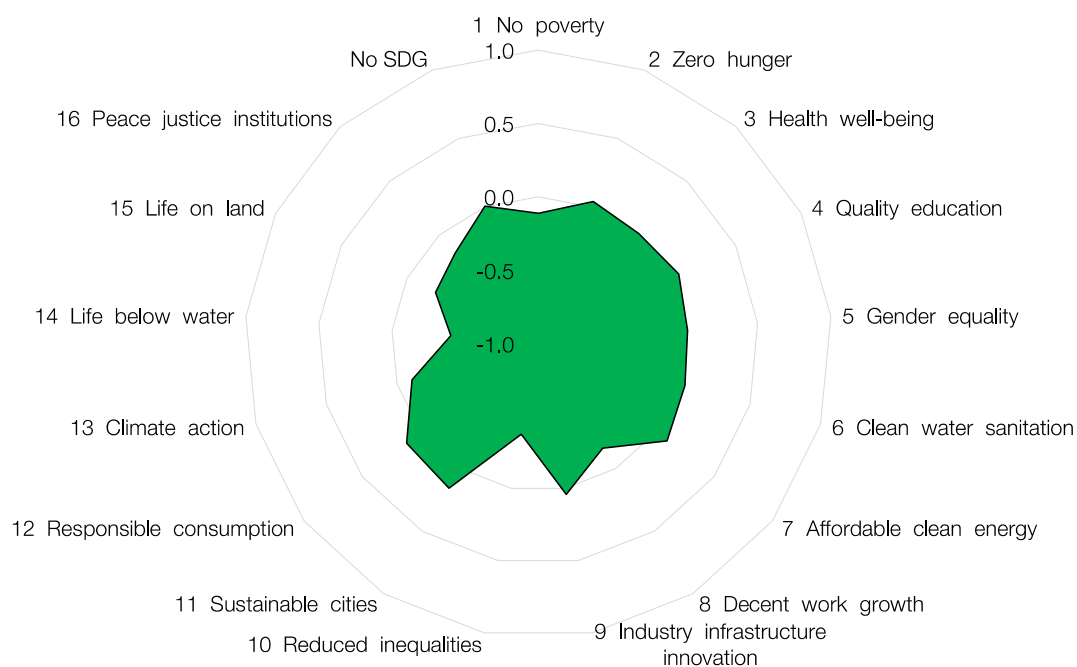
SDGs Research Specialisation in Japan - 2015-2019



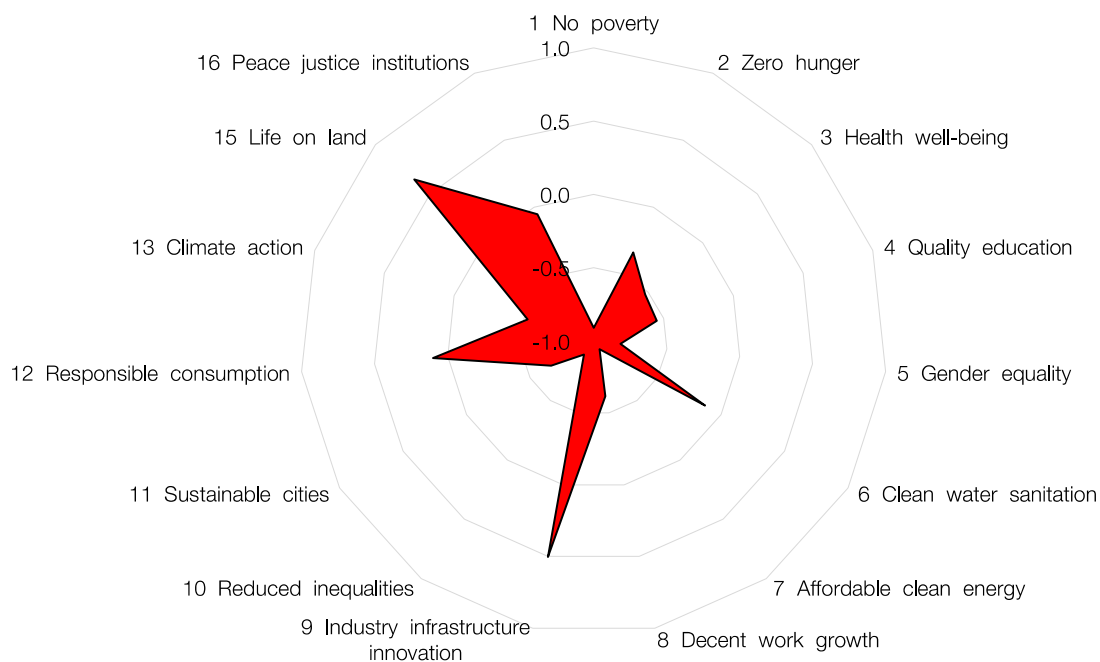
SDGs Score (Challenges) in Jordan - 2008-2017



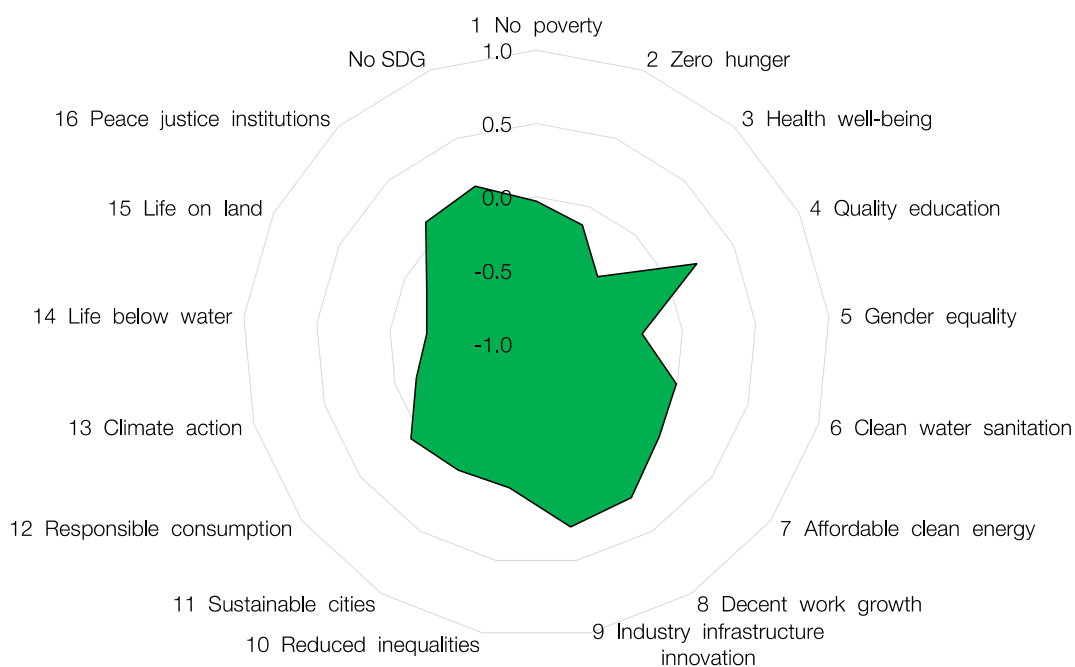
SDGs Research Specialisation in Jordan - 2015-2019



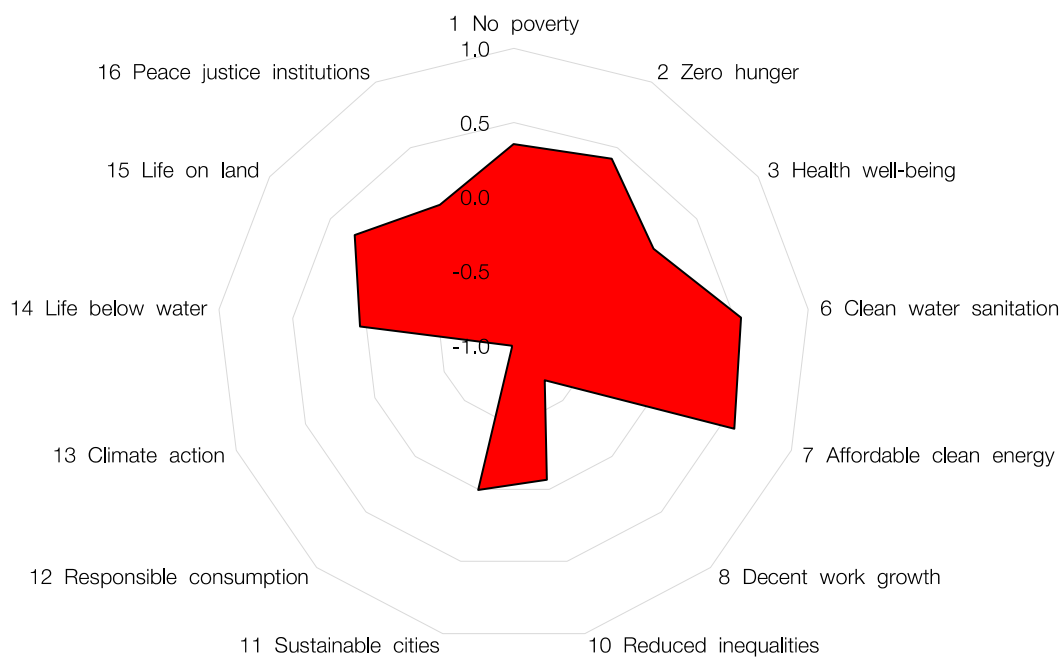
SDGs Score (Challenges) in Kazakhstan - 2008-2017



SDGs Research Specialisation in Kazakhstan - 2015-2019



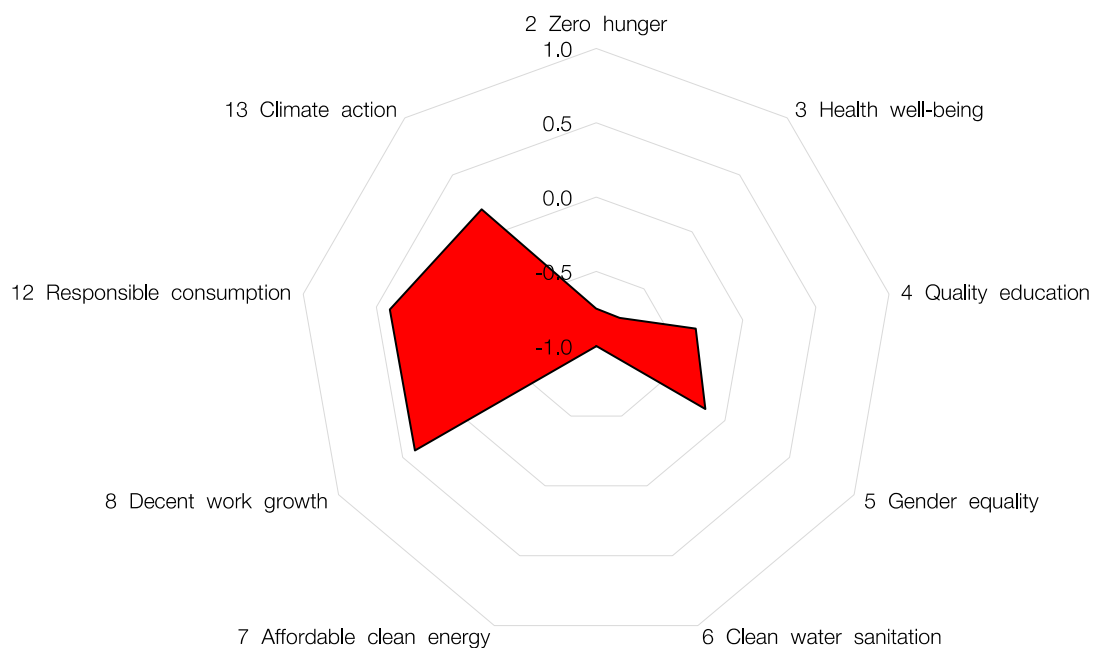
SDGs Score (Challenges) in Kenya - 2008-2017



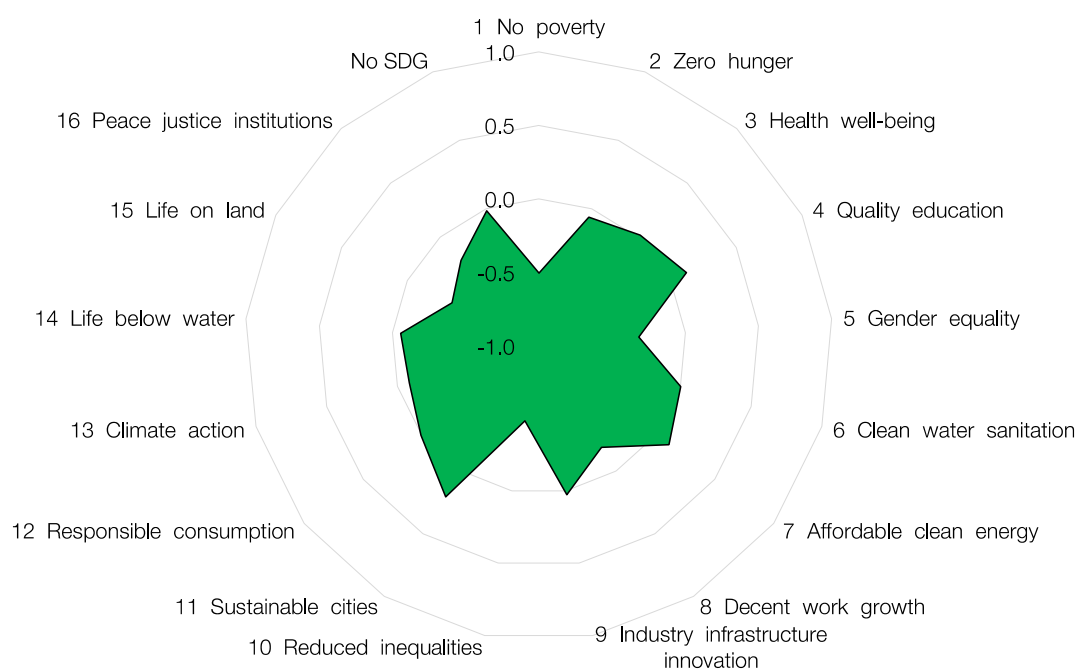
SDGs Research Specialisation in Kenya - 2015-2019



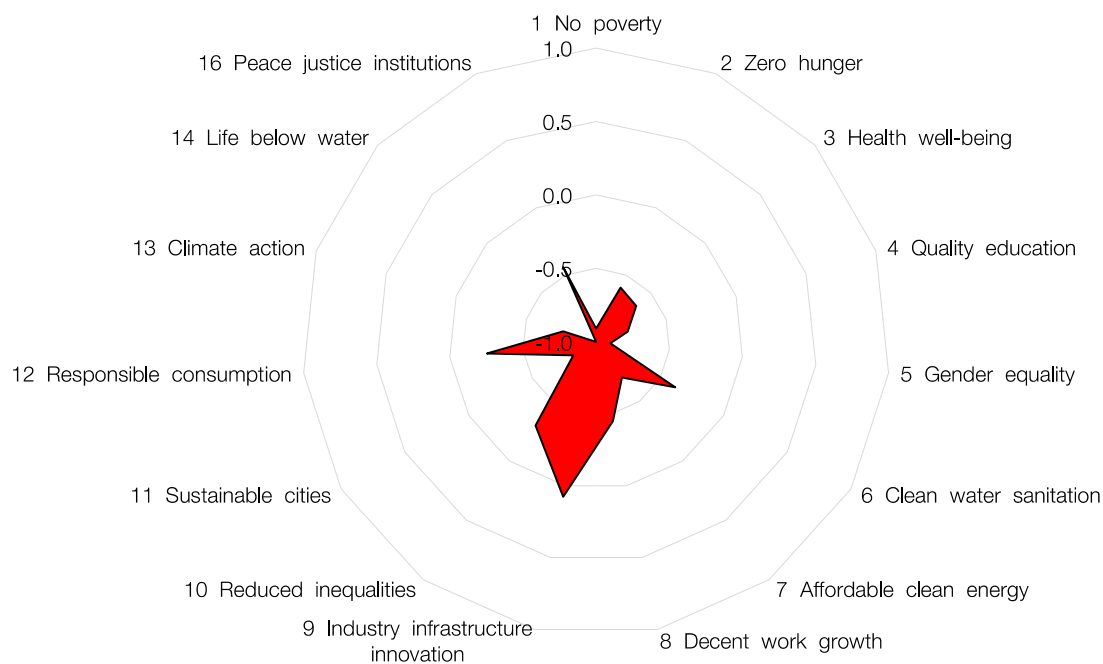
SDGs Score (Challenges) in Kuwait - 2008-2017



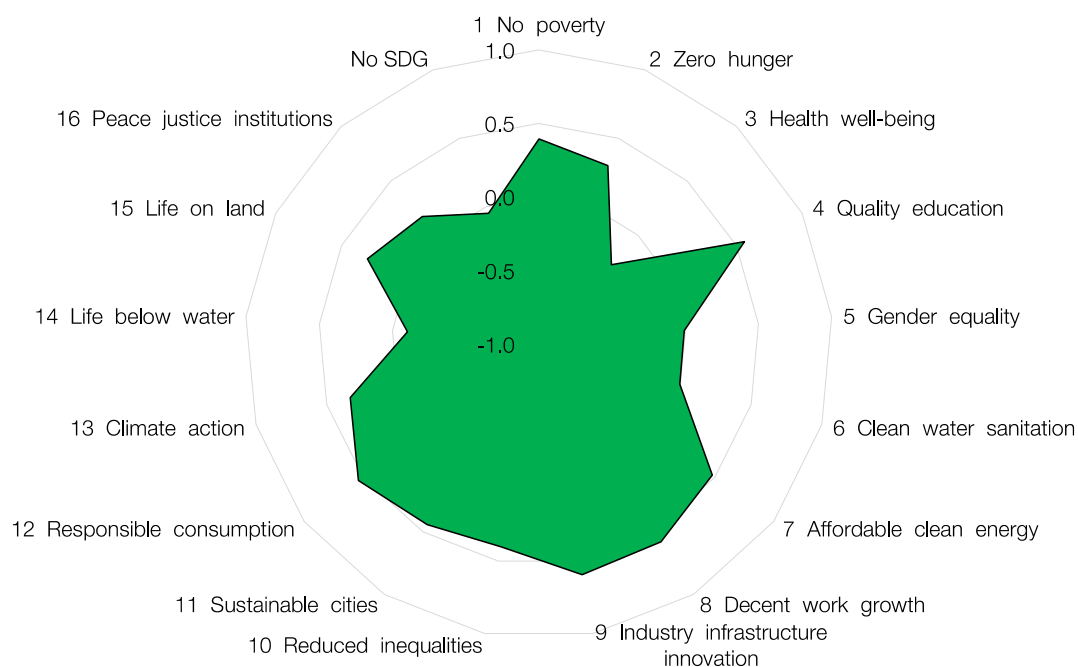
SDGs Research Specialisation in Kuwait - 2015-2019



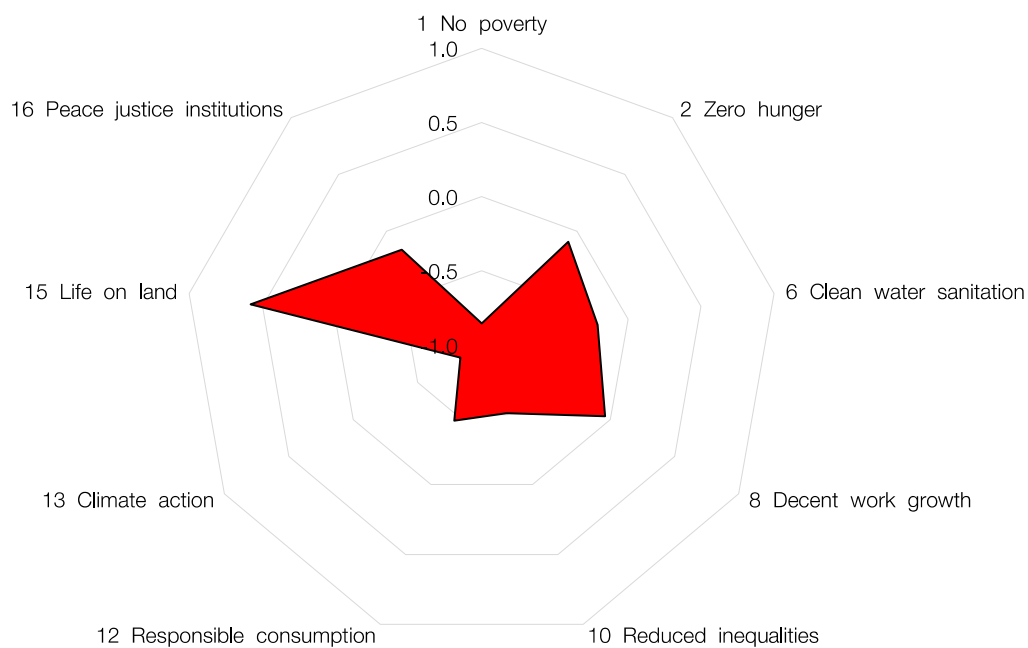
SDGs Score (Challenges) in Latvia - 2008-2017



SDGs Research Specialisation in Latvia - 2015-2019



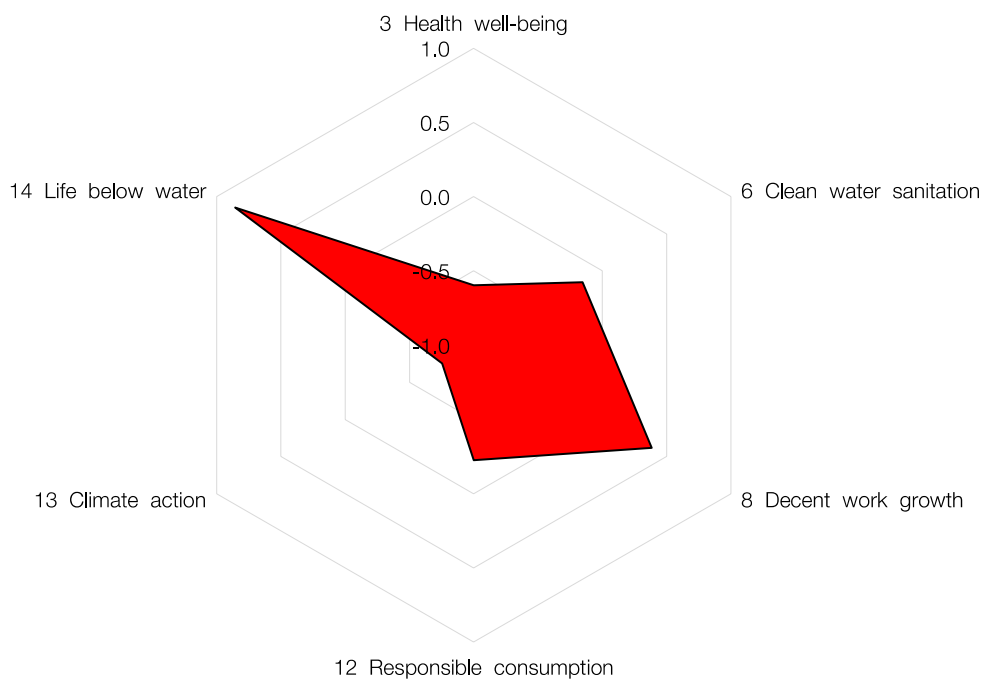
SDGs Score (Challenges) in Lebanon - 2008-2017



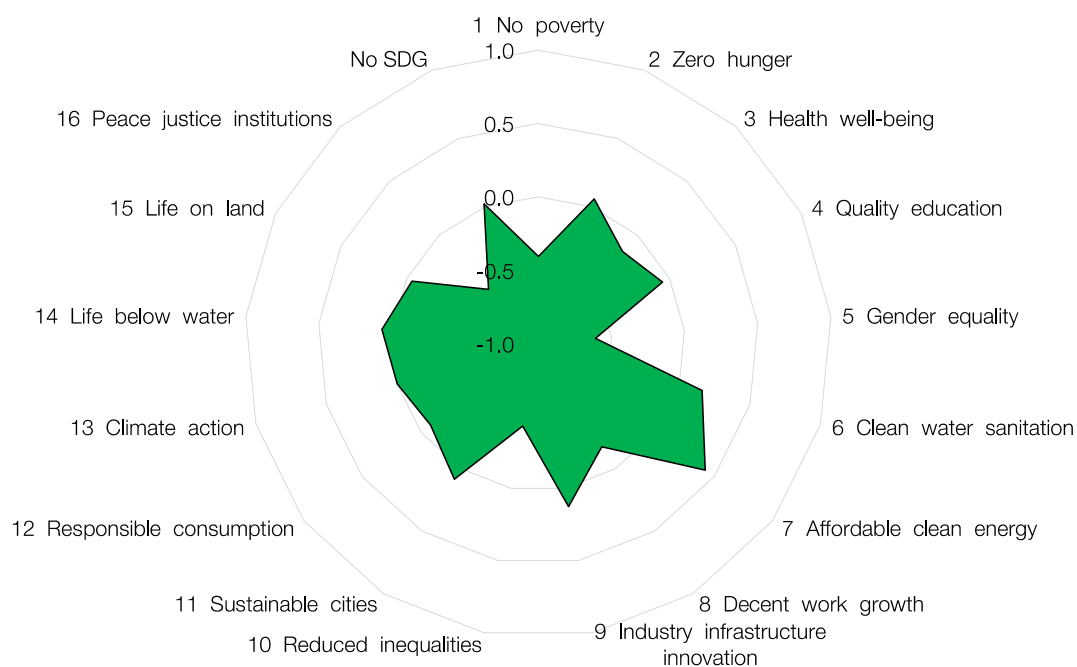
SDGs Research Specialisation in Lebanon - 2015-2019



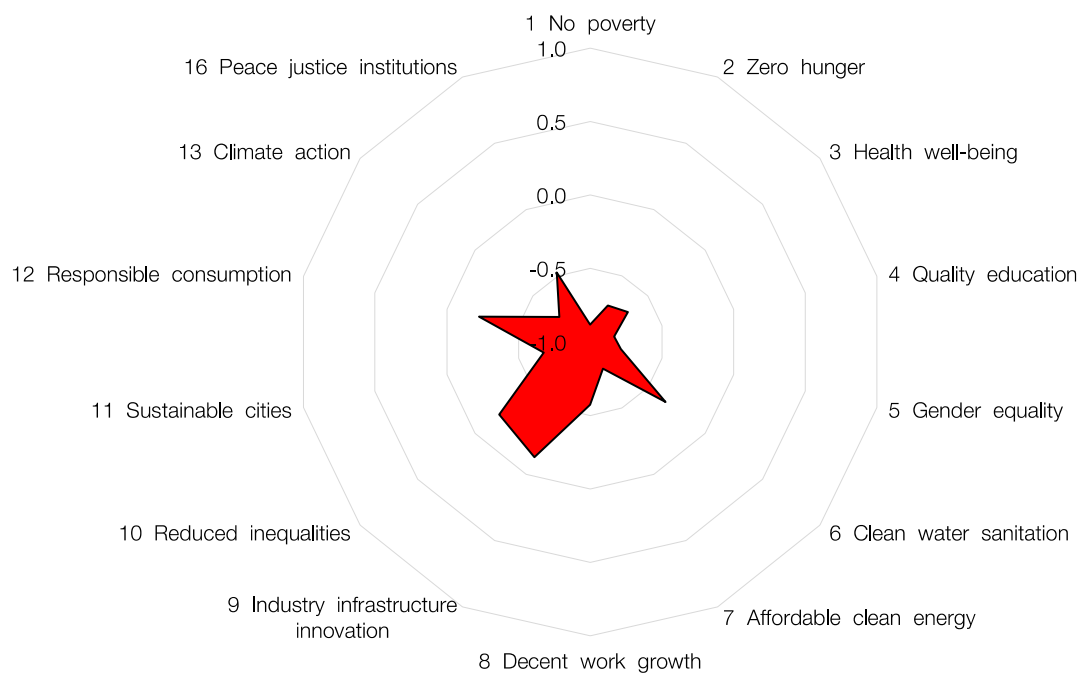
SDGs Score (Challenges) in Libya - 2008-2017



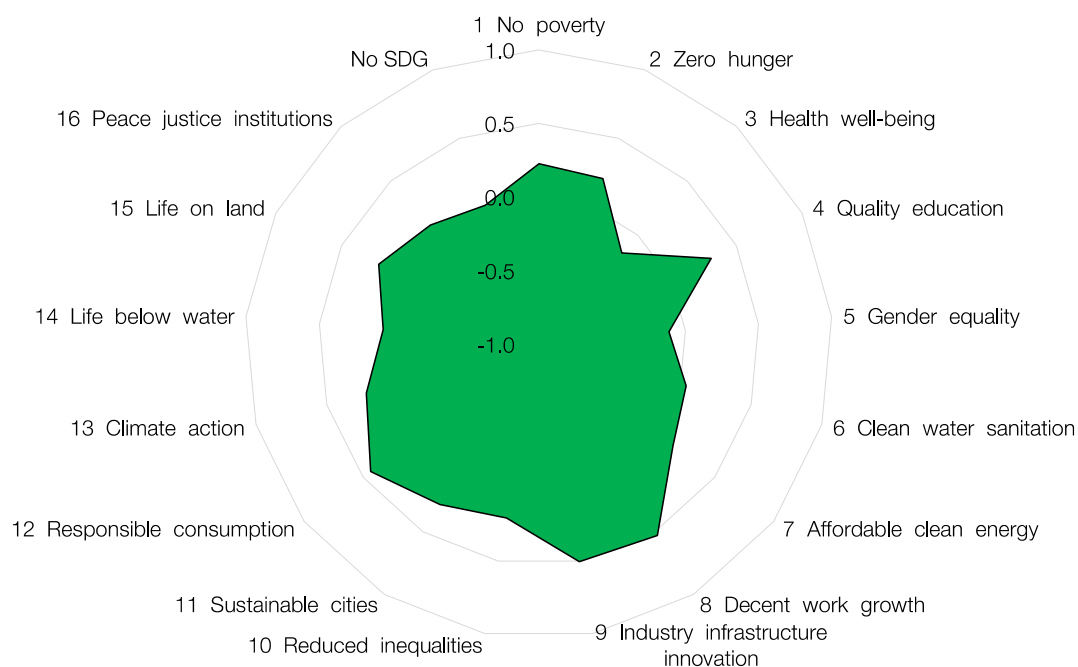
SDGs Research Specialisation in Libya - 2015-2019



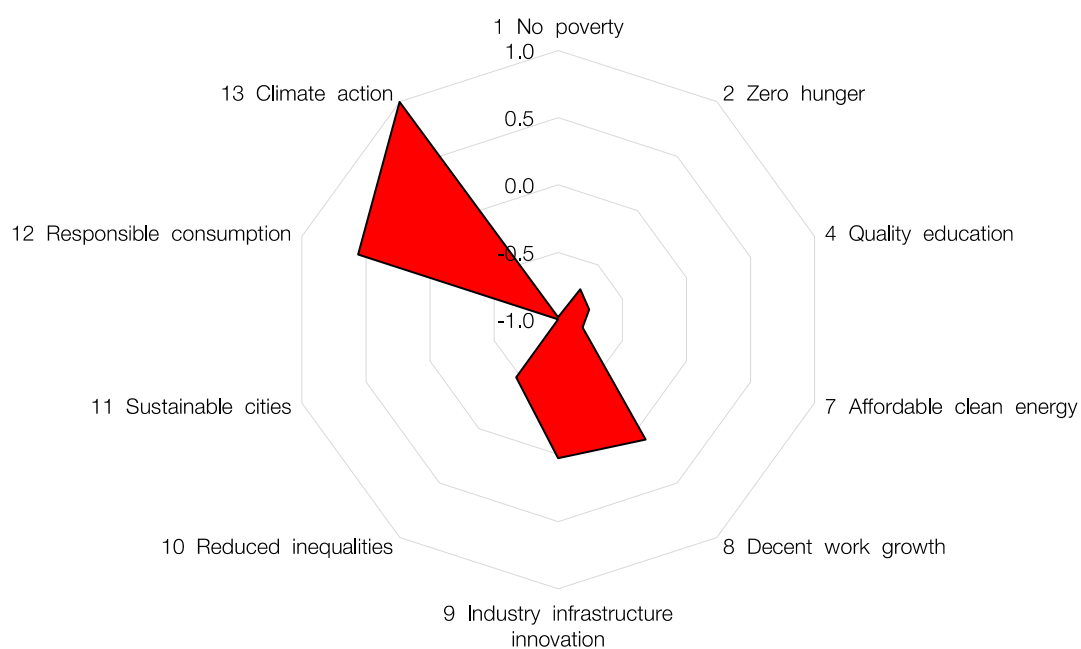
SDGs Score (Challenges) in Lithuania - 2008-2017



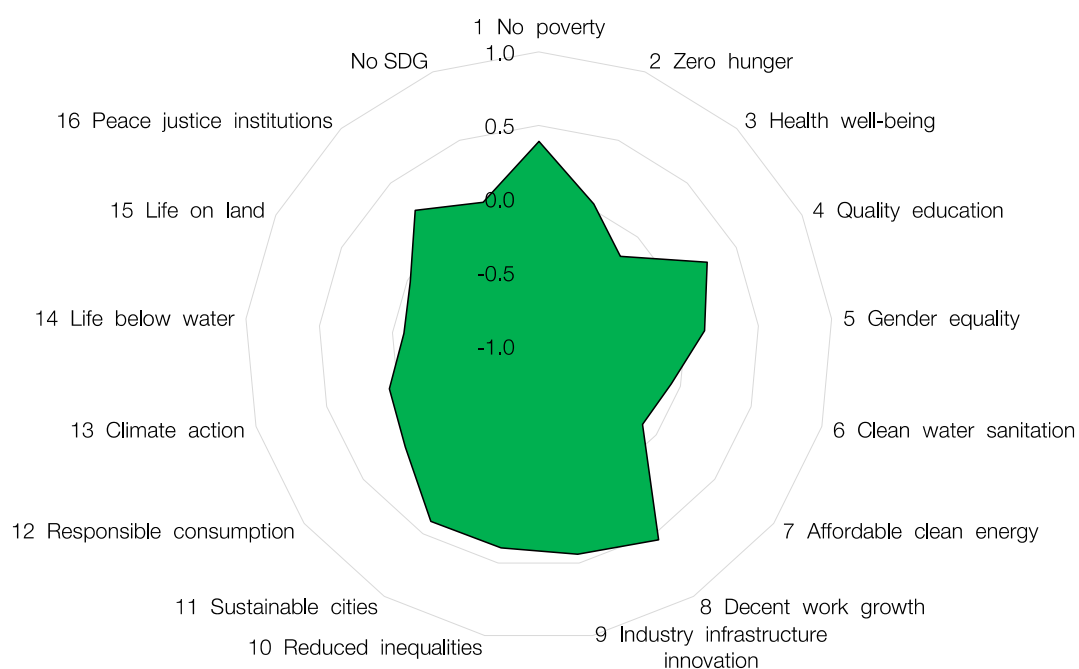
SDGs Research Specialisation in Lithuania - 2015-2019



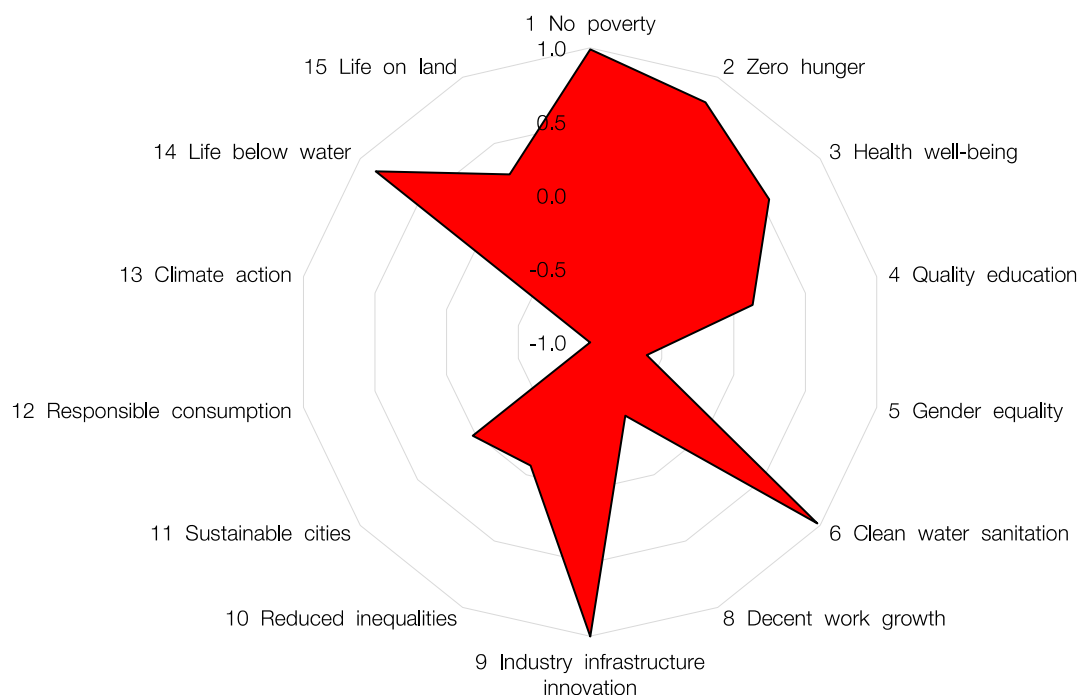
SDGs Score (Challenges) in Luxembourg - 2008-2017



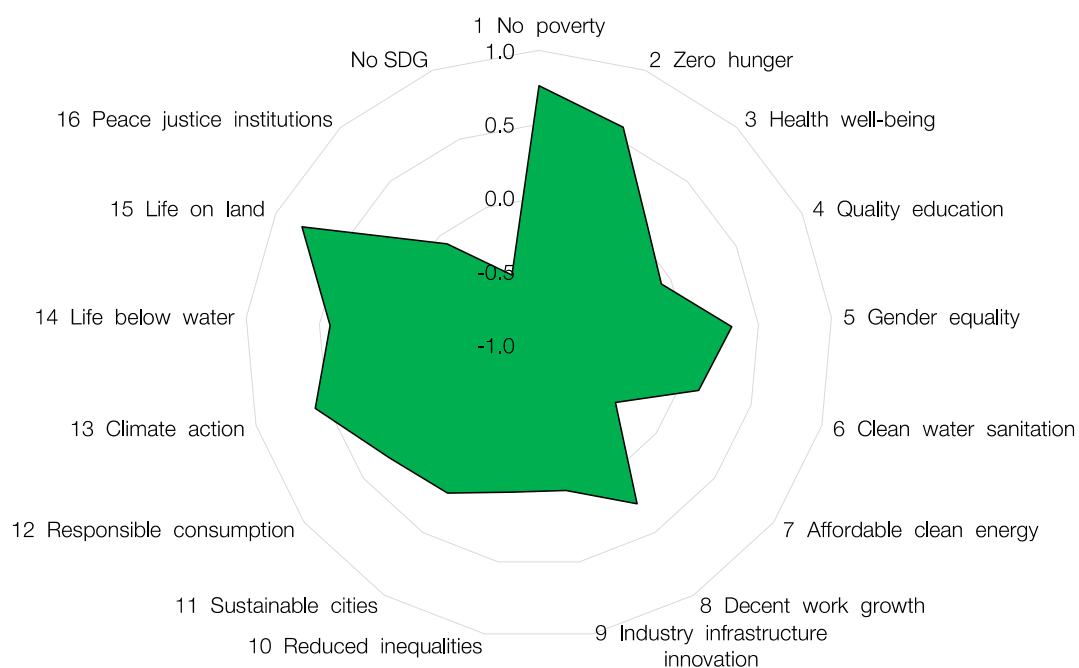
SDGs Research Specialisation in Luxembourg - 2015-2019



SDGs Score (Challenges) in Madagascar - 2008-2017



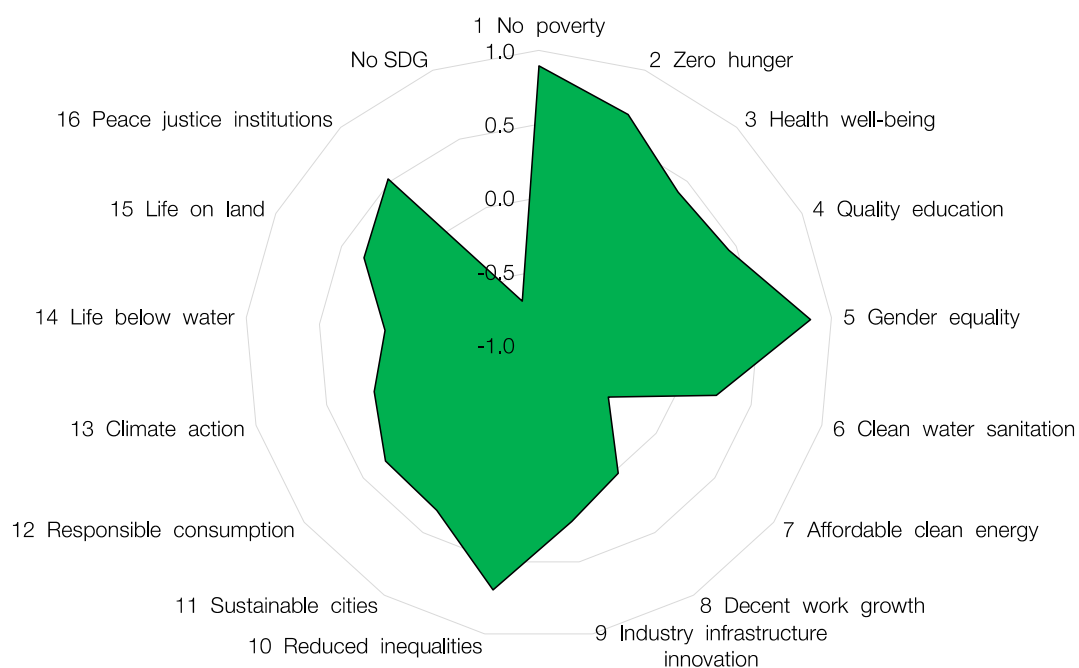
SDGs Research Specialisation in Madagascar - 2015-2019



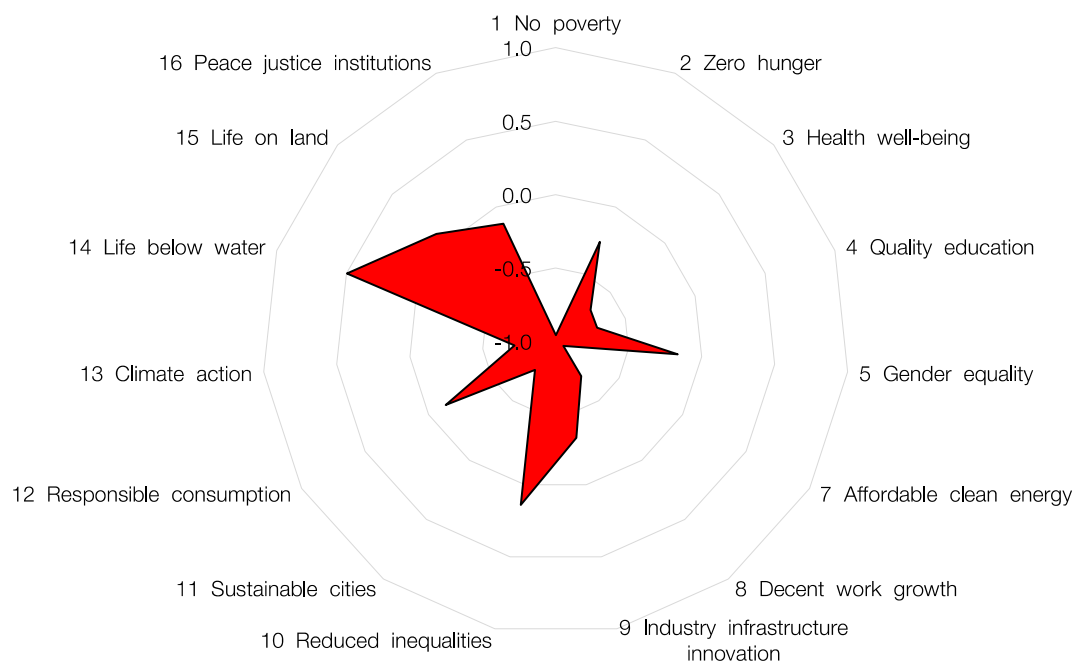
SDGs Score (Challenges) in Malawi - 2008-2017



SDGs Research Specialisation in Malawi - 2015-2019



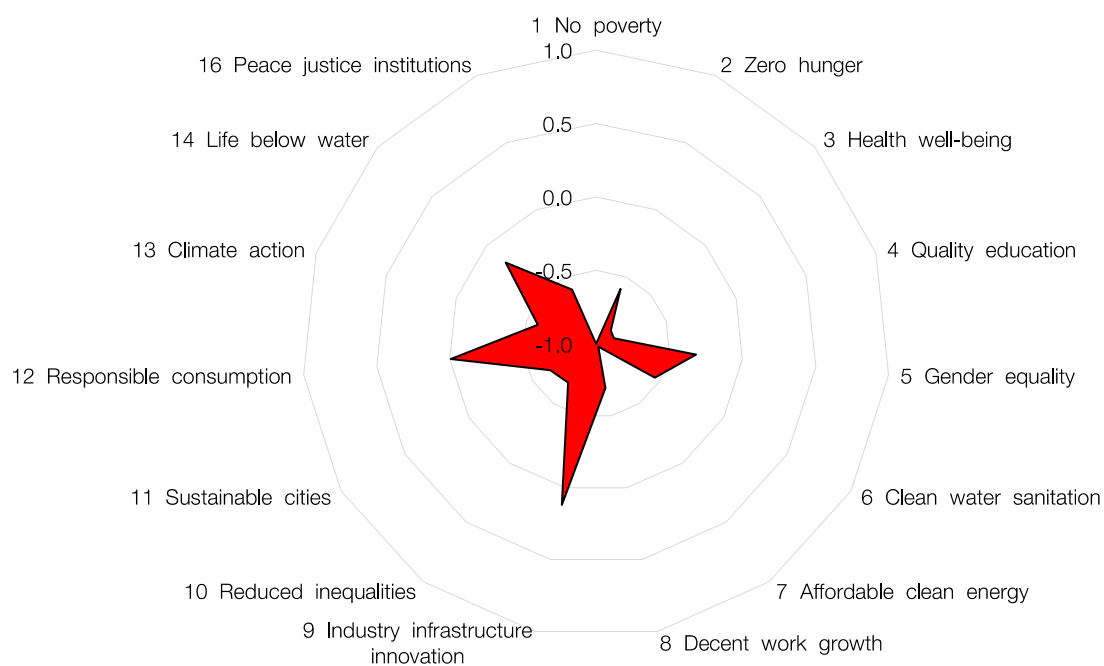
SDGs Score (Challenges) in Malaysia - 2008-2017



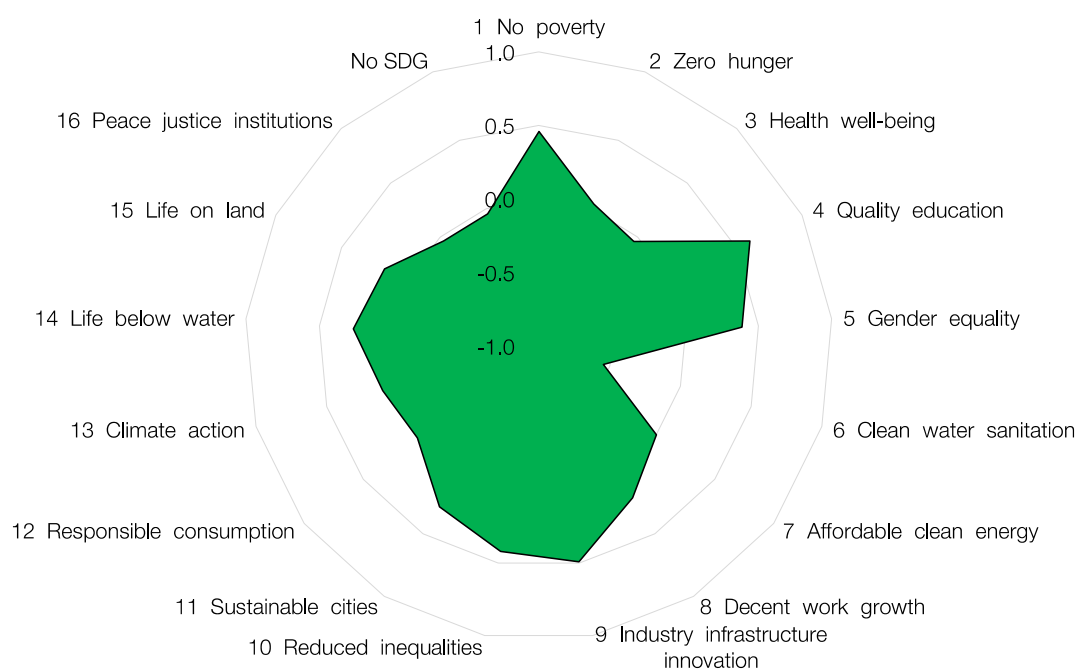
SDGs Research Specialisation in Malaysia - 2015-2019



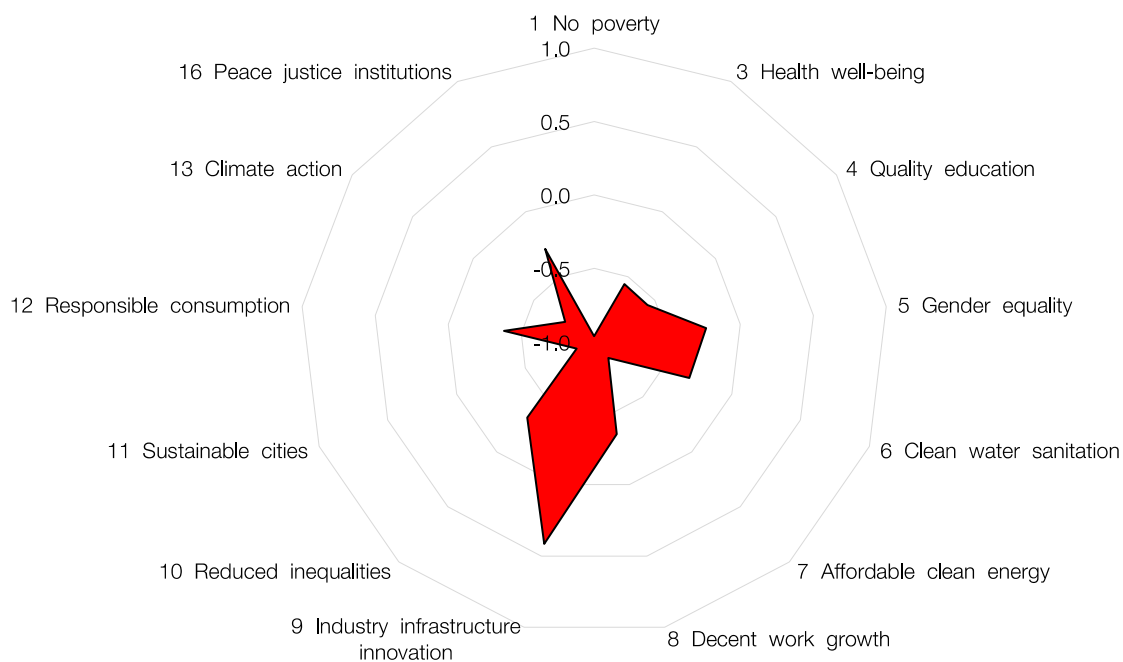
SDGs Score (Challenges) in Malta - 2008-2017



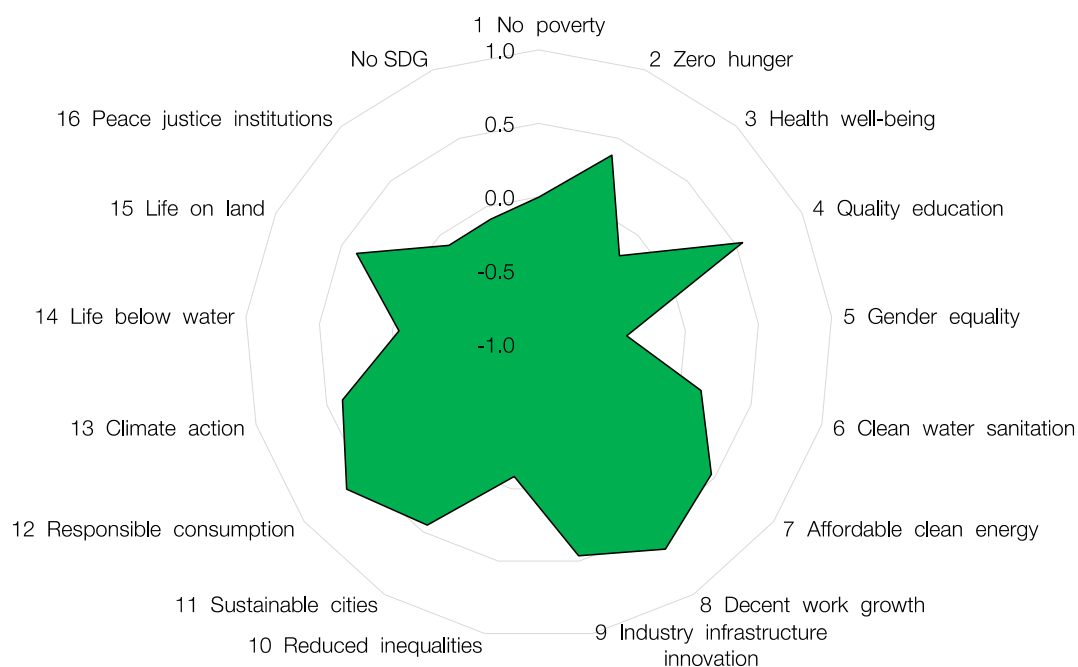
SDGs Research Specialisation in Malta - 2015-2019



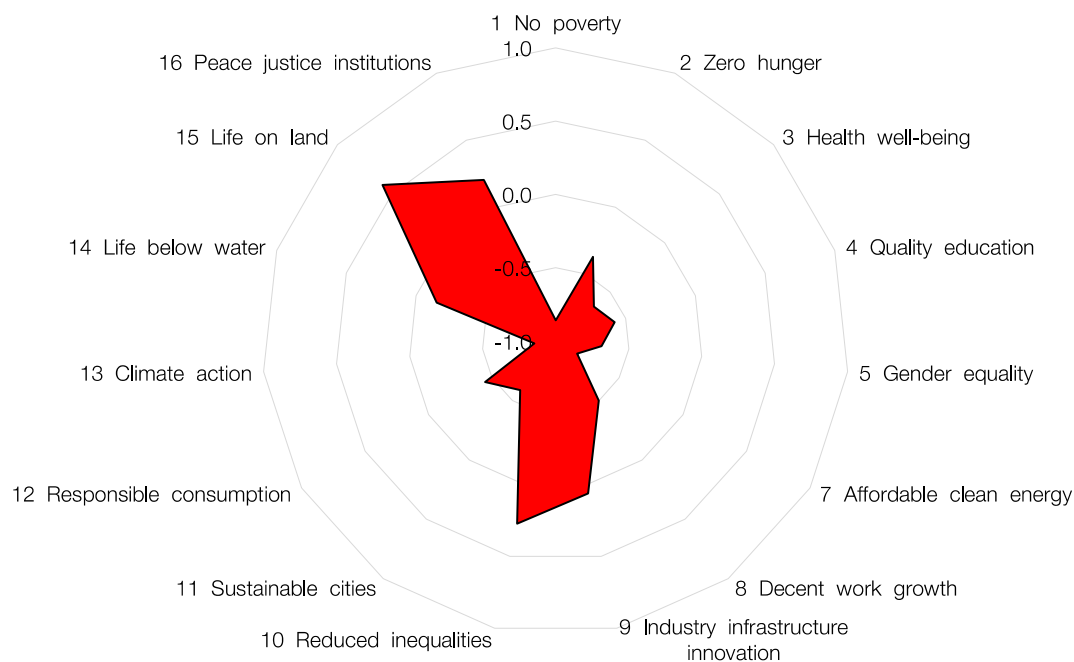
SDGs Score (Challenges) in Mauritius - 2008-2017



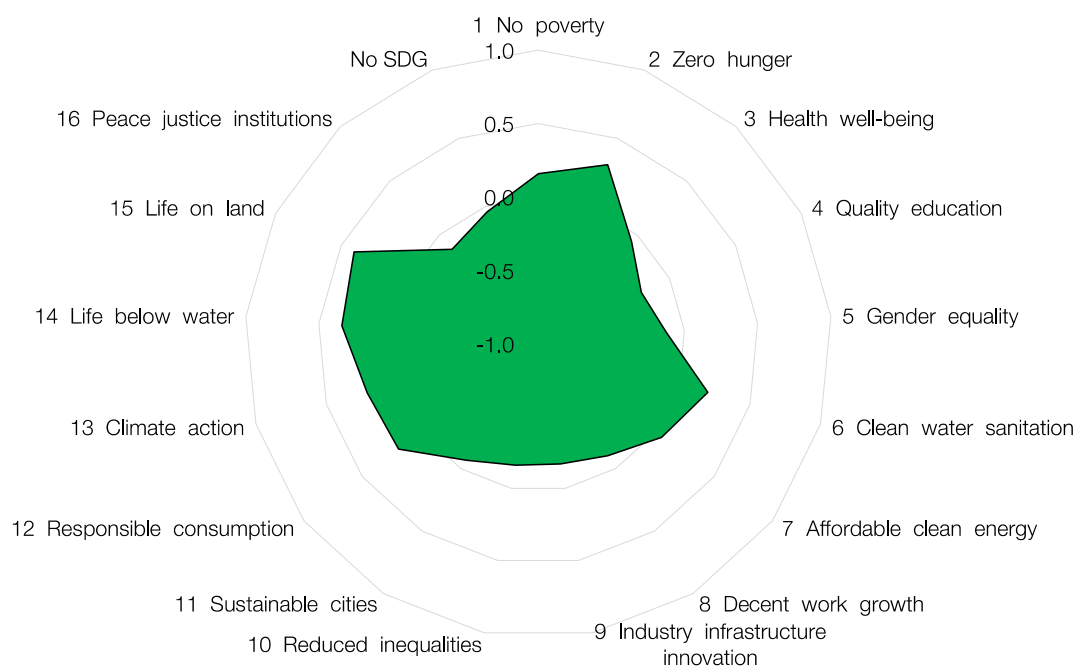
SDGs Research Specialisation in Mauritius - 2015-2019



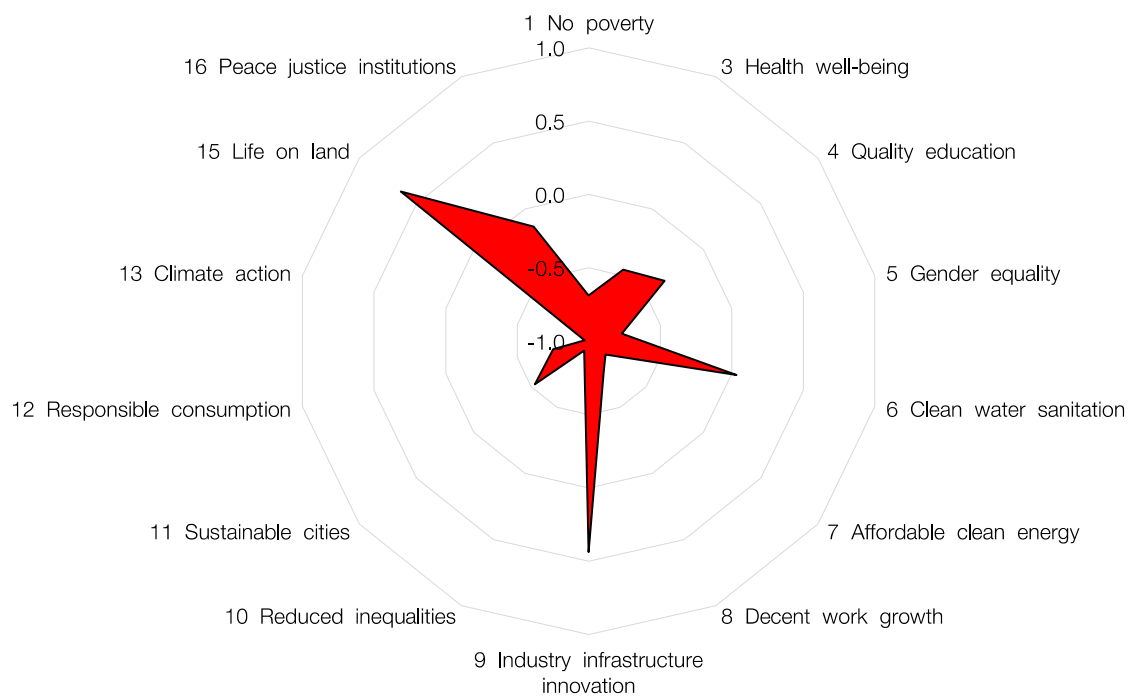
SDGs Score (Challenges) in Mexico - 2008-2017



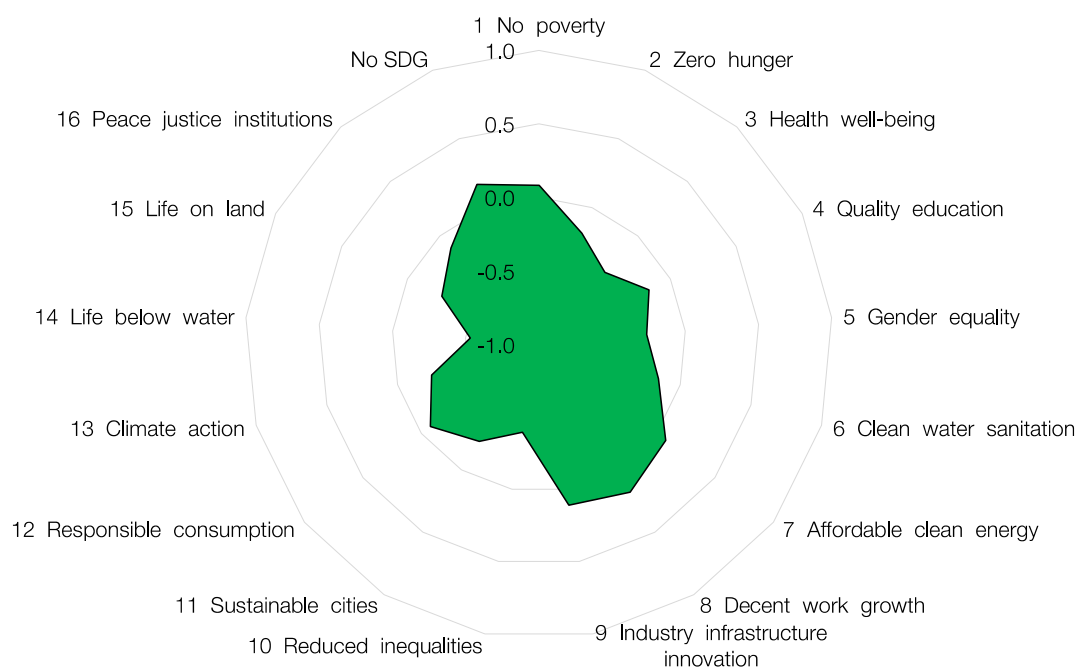
SDGs Research Specialisation in Mexico - 2015-2019



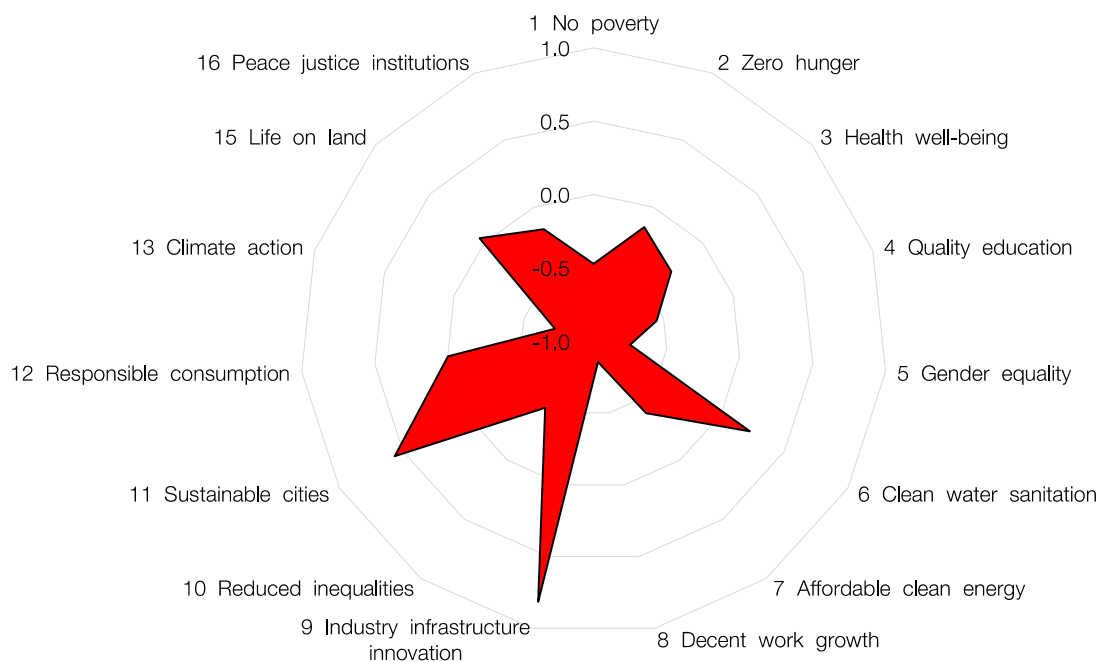
SDGs Score (Challenges) in Moldova - 2008-2017



SDGs Research Specialisation in Moldova - 2015-2019



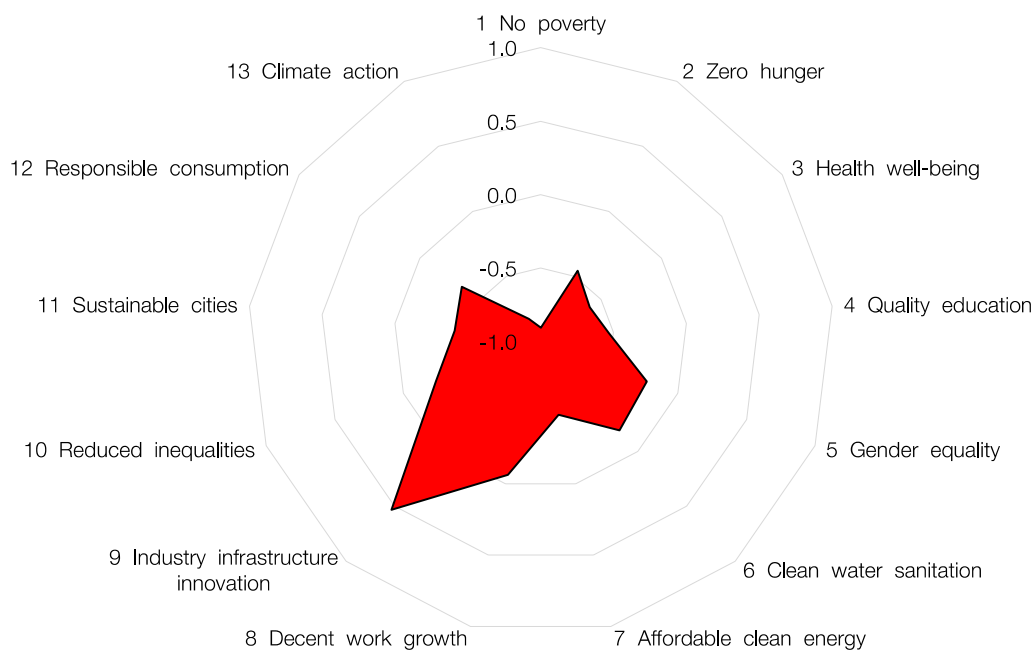
SDGs Score (Challenges) in Mongolia - 2008-2017



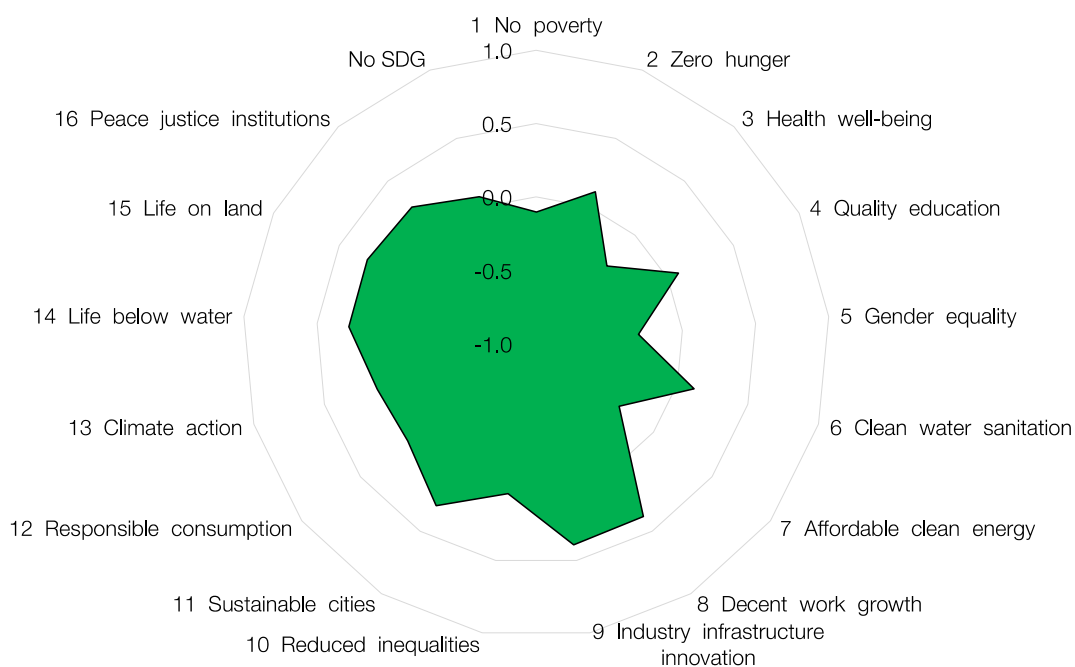
SDGs Research Specialisation in Mongolia - 2015-2019



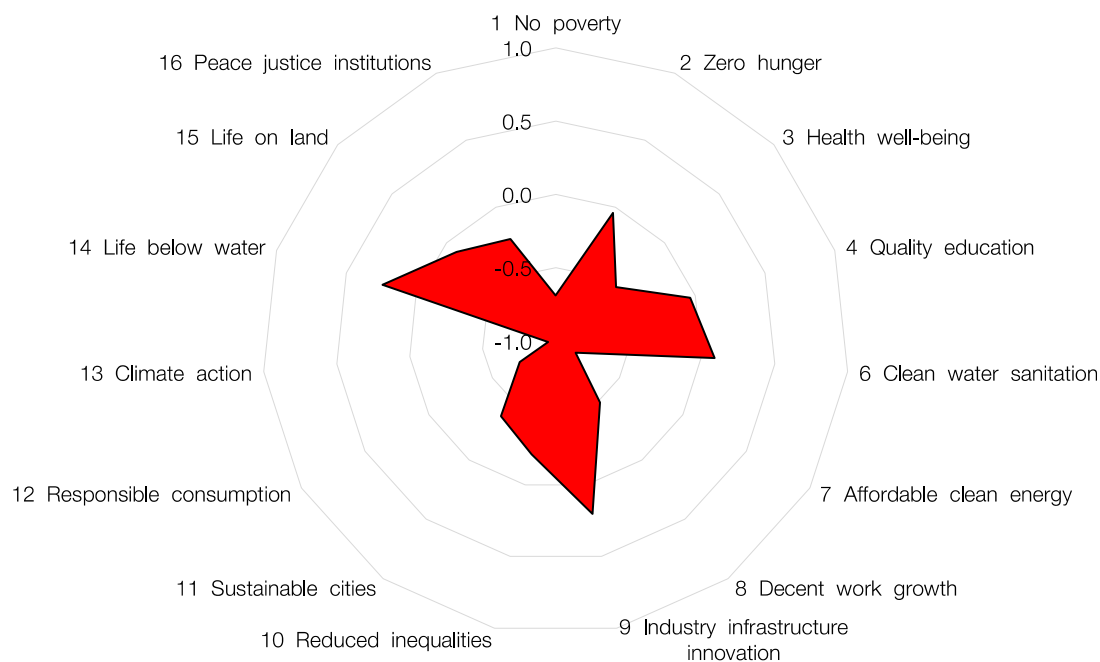
SDGs Score (Challenges) in Montenegro - 2008-2017



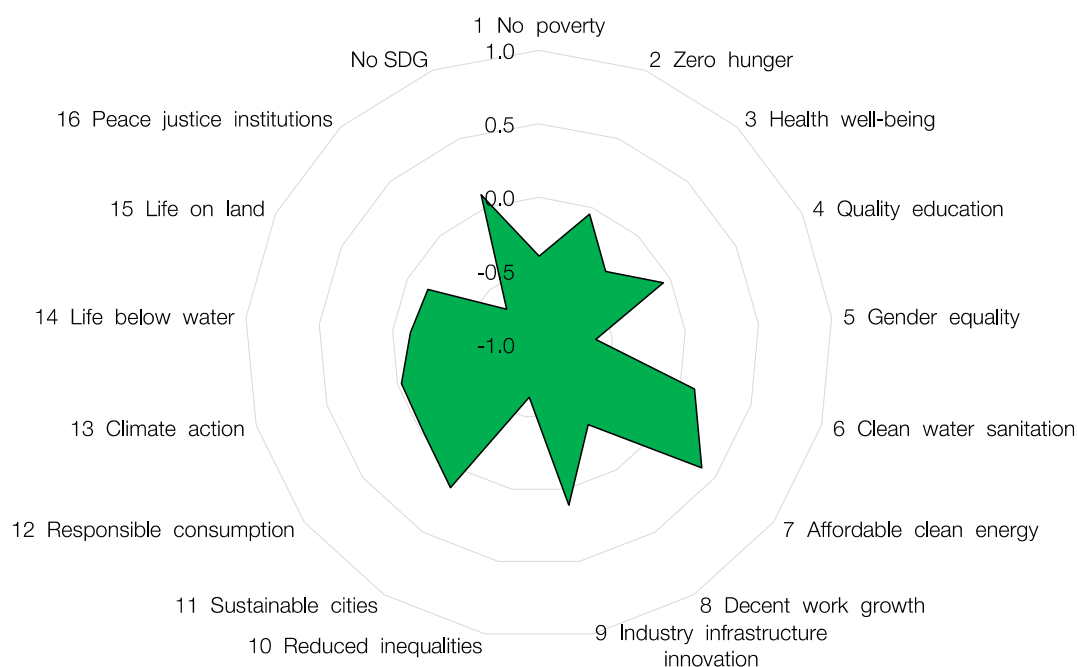
SDGs Research Specialisation in Montenegro - 2015-2019



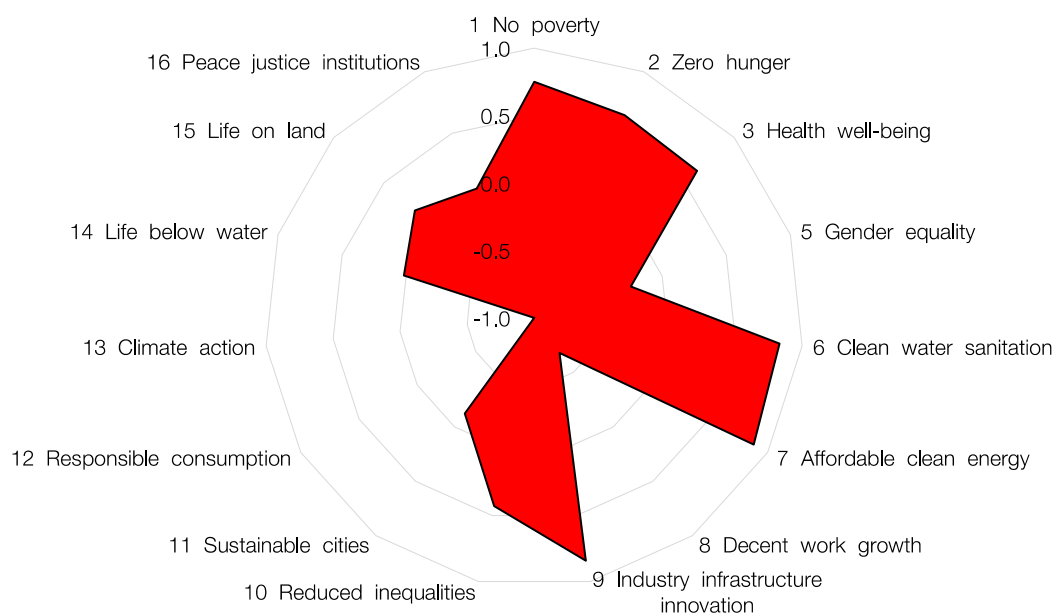
SDGs Score (Challenges) in Morocco - 2008-2017



SDGs Research Specialisation in Morocco - 2015-2019



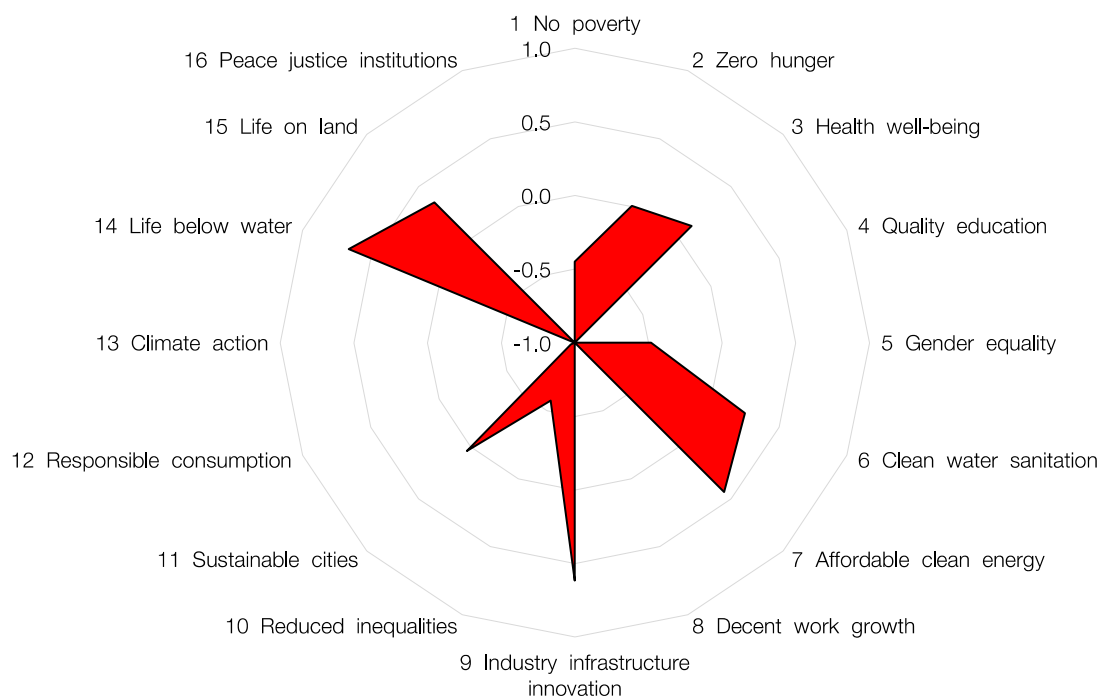
SDGs Score (Challenges) in Mozambique - 2008-2017



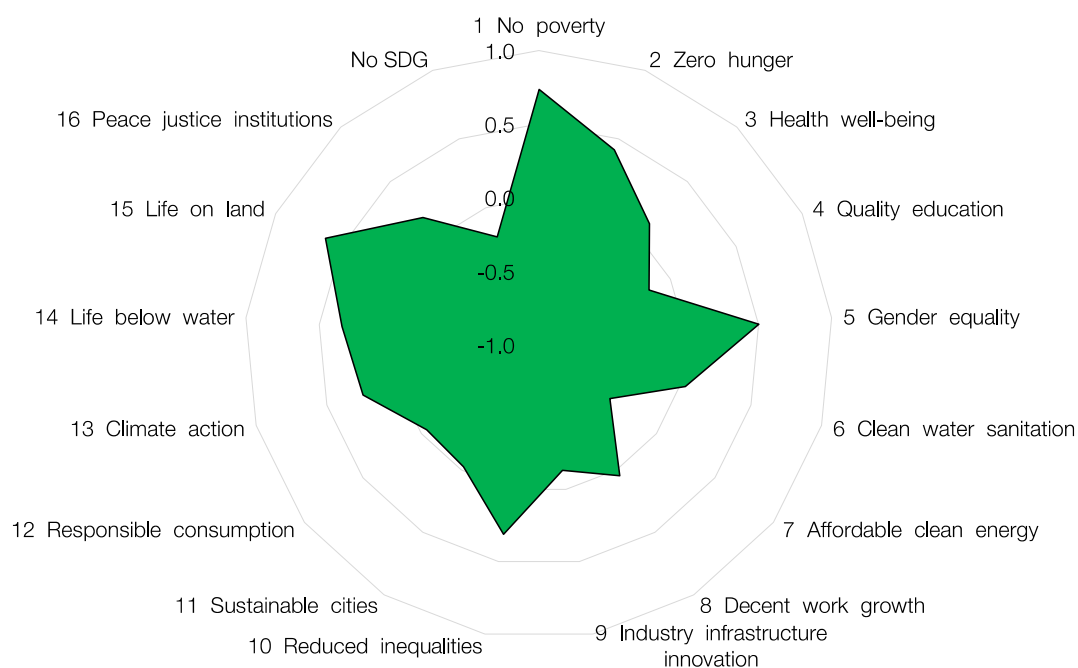
SDGs Research Specialisation in Mozambique - 2015-2019



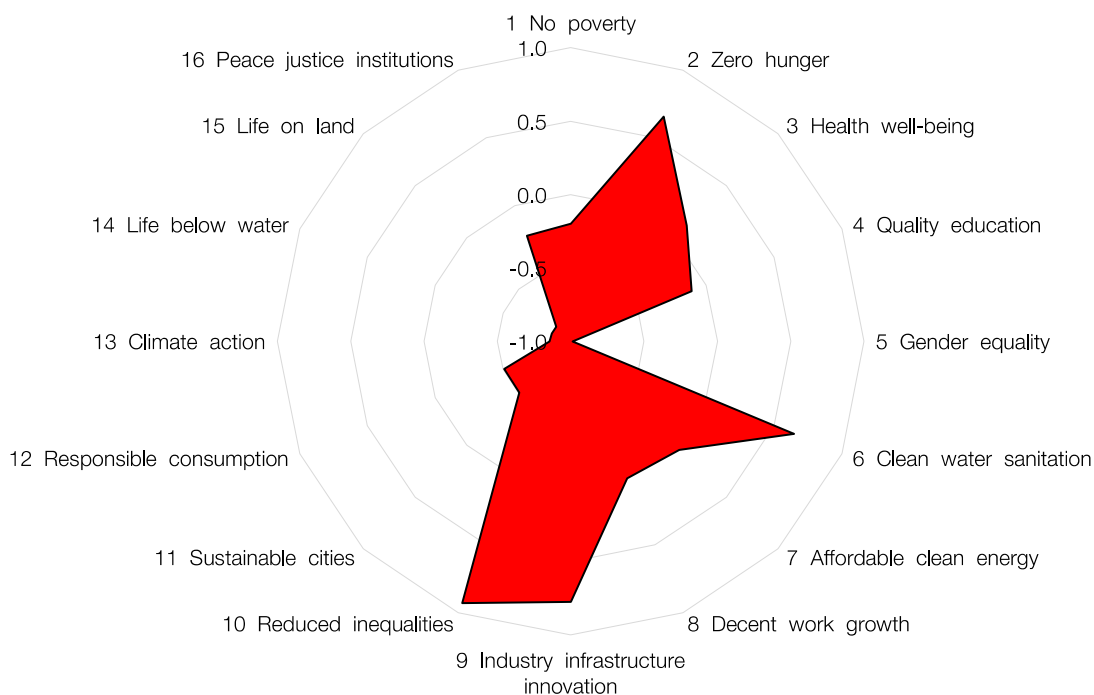
SDGs Score (Challenges) in Myanmar - 2008-2017



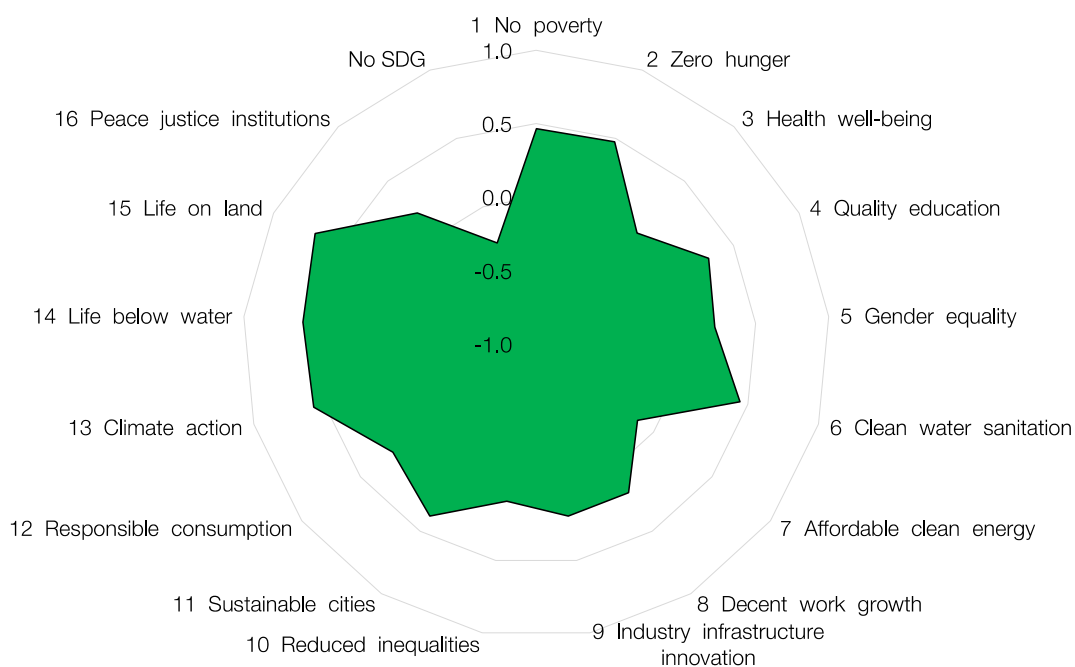
SDGs Research Specialisation in Myanmar - 2015-2019



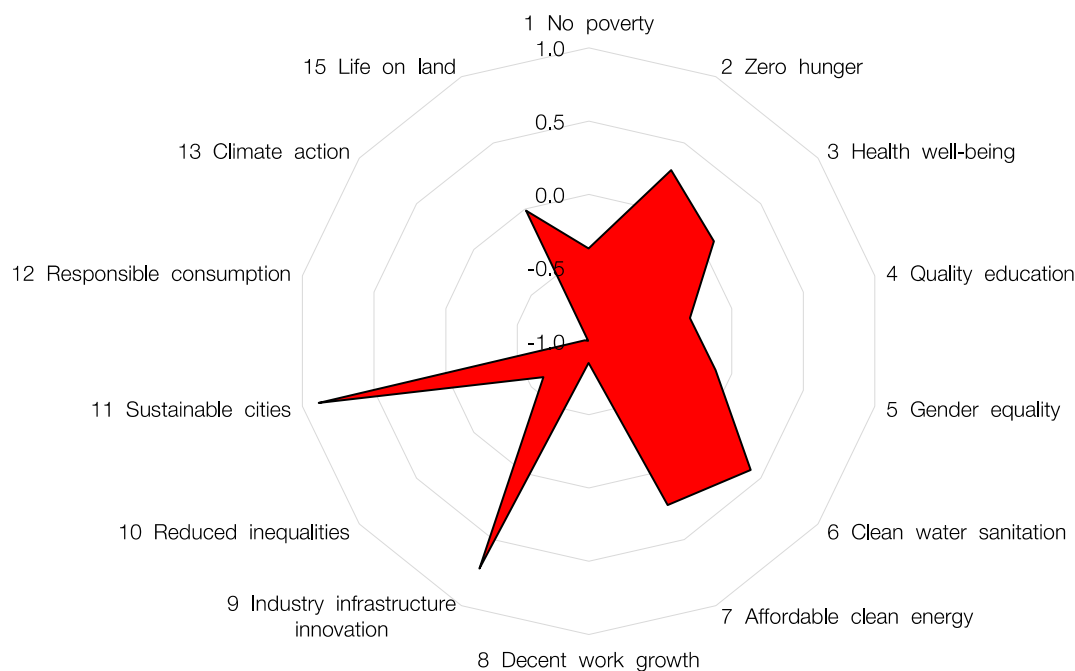
SDGs Score (Challenges) in Namibia - 2008-2017



SDGs Research Specialisation in Namibia - 2015-2019



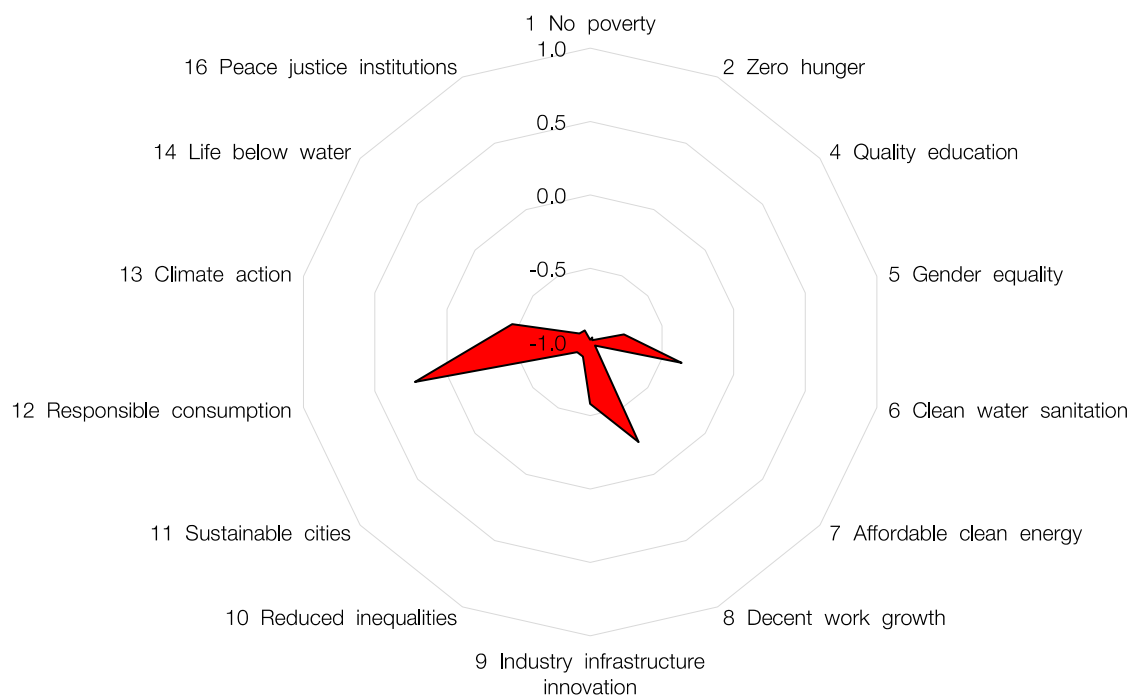
SDGs Score (Challenges) in Nepal - 2008-2017



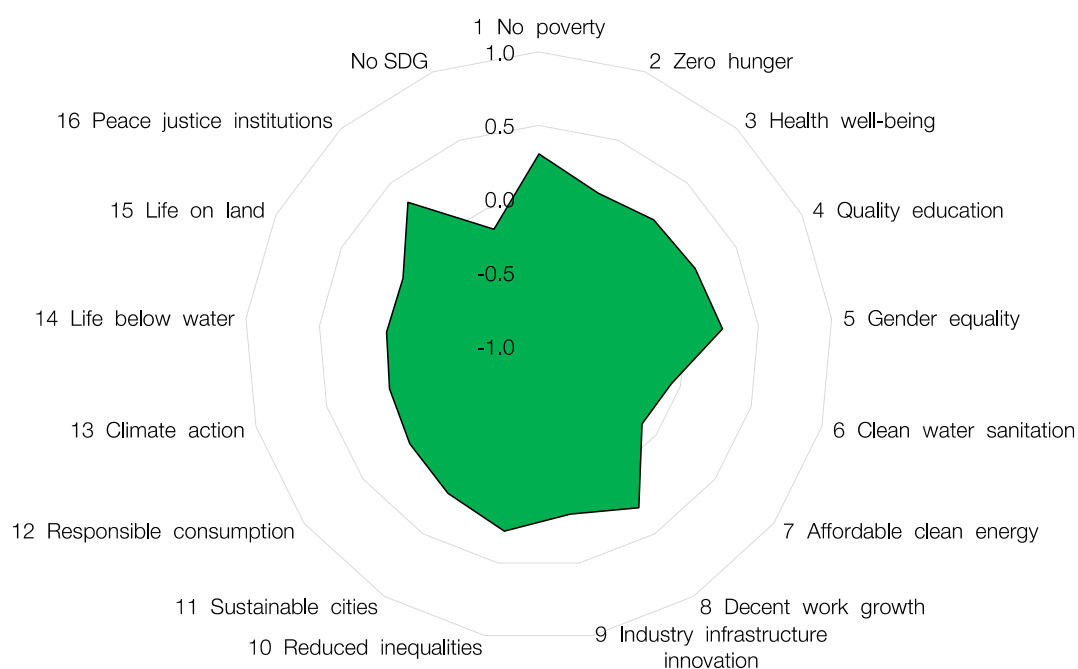
SDGs Research Specialisation in Nepal - 2015-2019



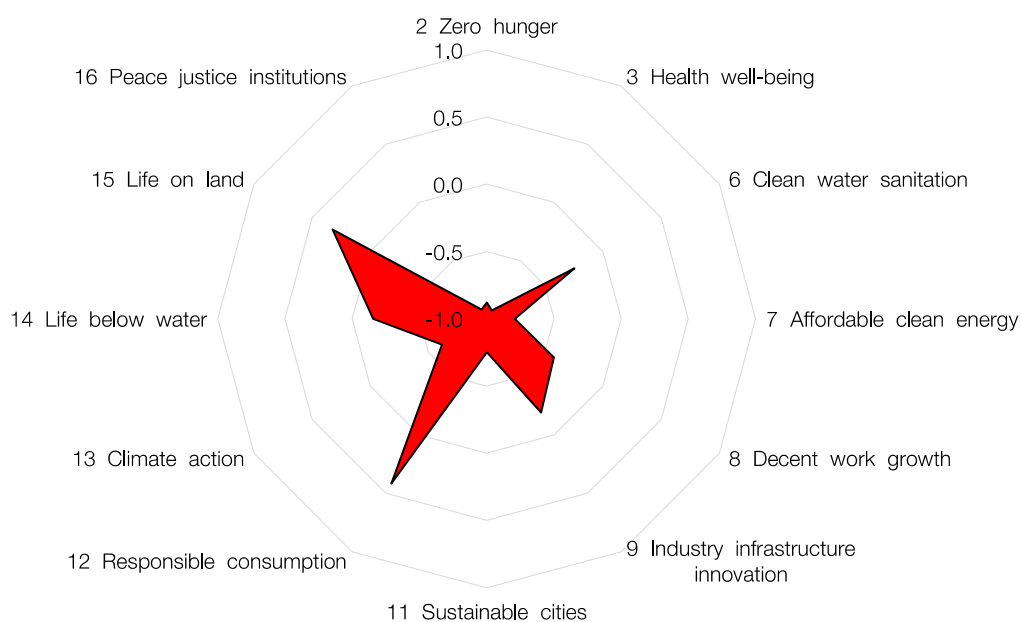
SDGs Score (Challenges) in Netherlands - 2008-2017



SDGs Research Specialisation in Netherlands - 2015-2019



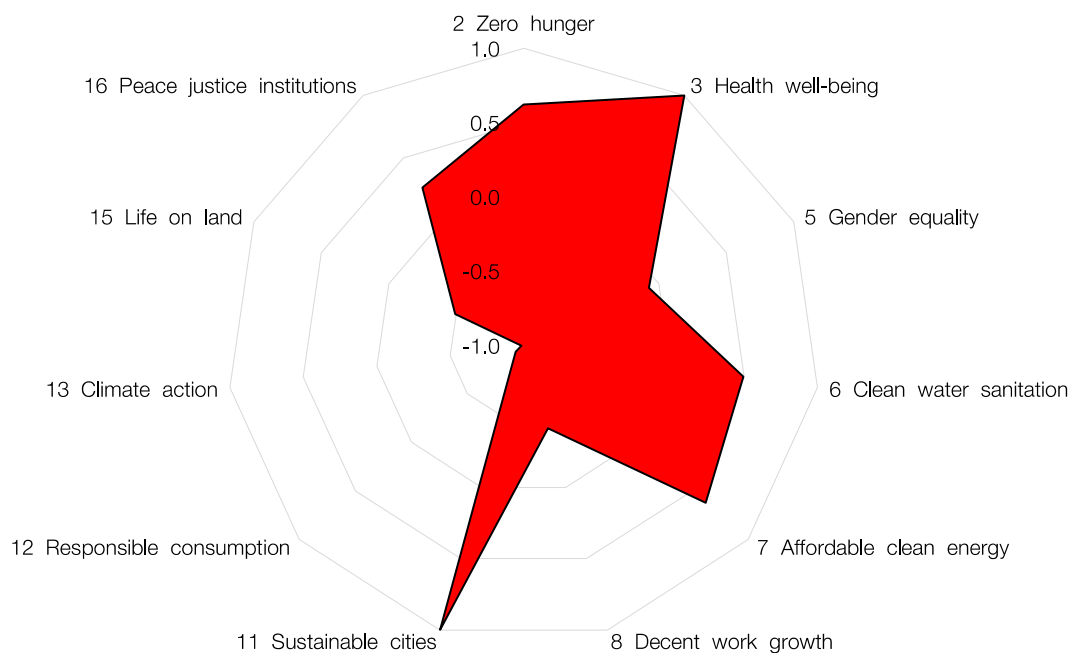
SDGs Score (Challenges) in New Zealand - 2008-2017



SDGs Research Specialisation in New Zealand - 2015-2019



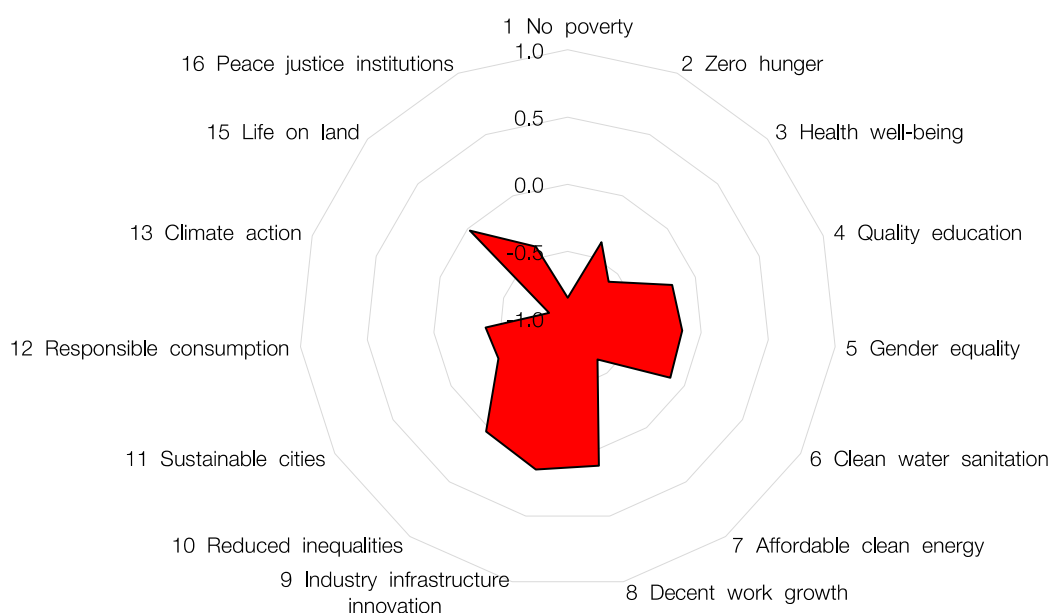
SDGs Score (Challenges) in Nigeria - 2008-2017



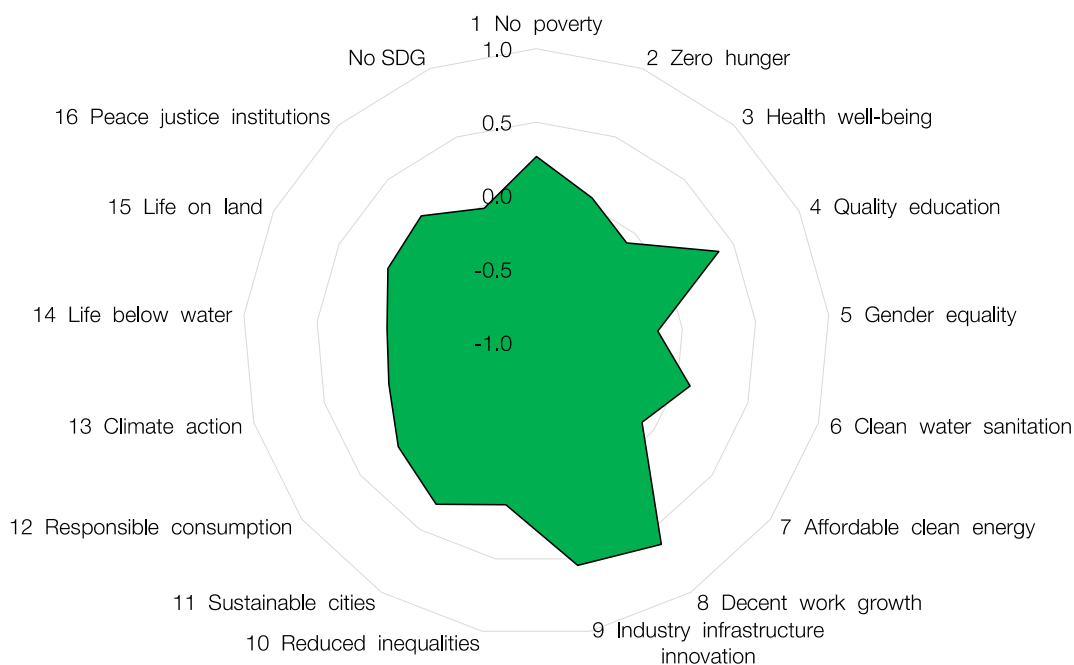
SDGs Research Specialisation in Nigeria - 2015-2019



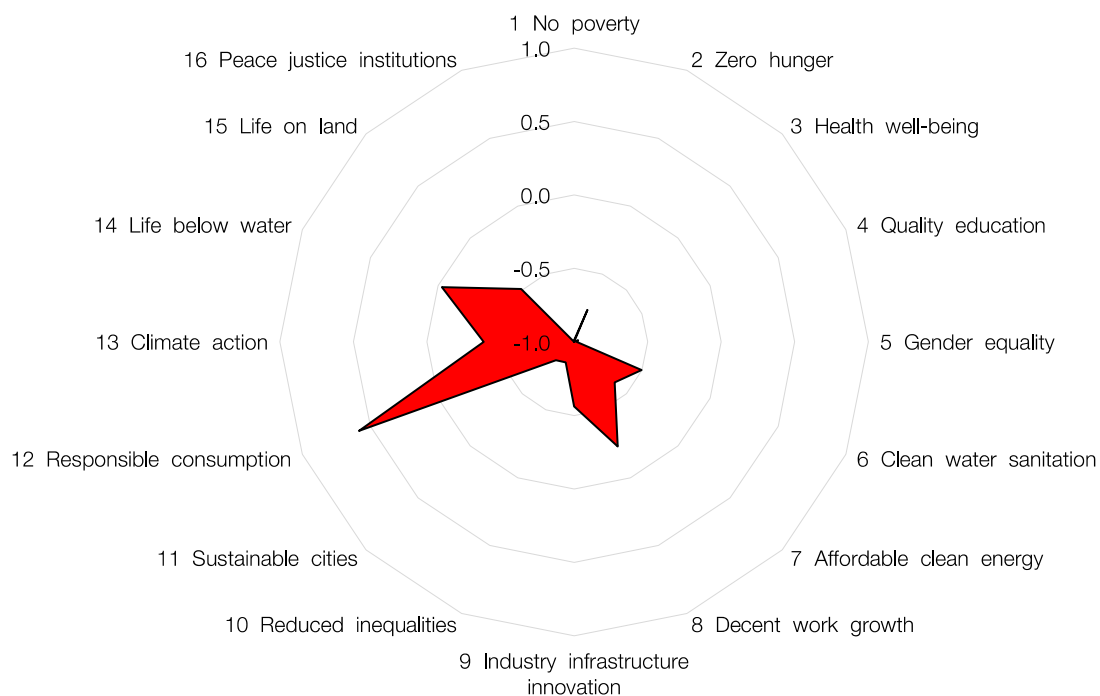
SDGs Score (Challenges) in North Macedonia - 2008-2017



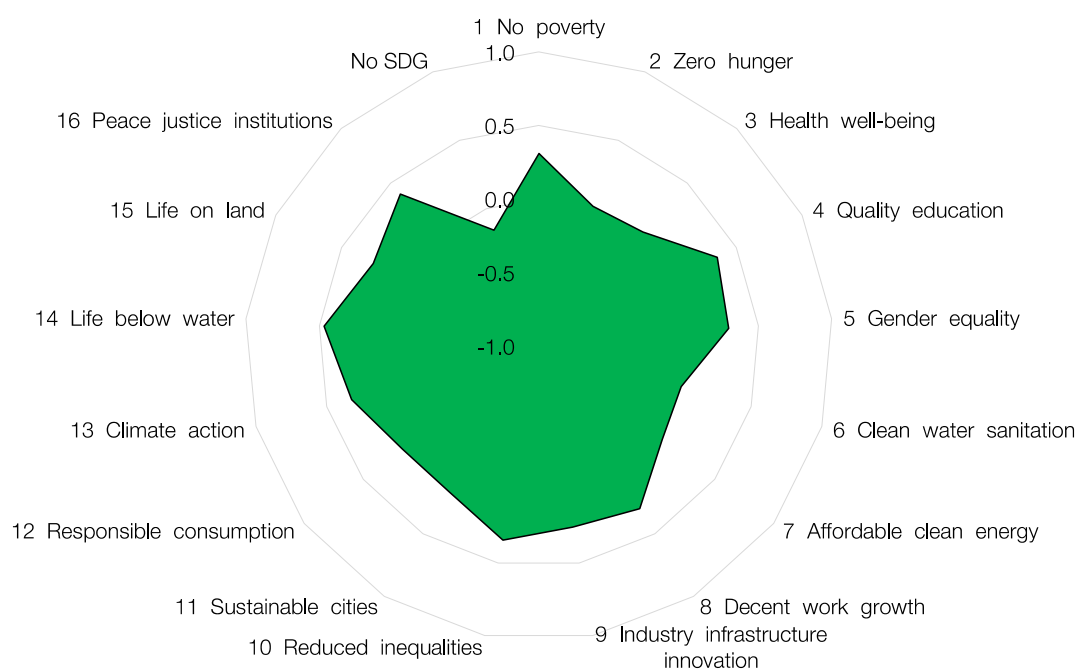
SDGs Research Specialisation in North Macedonia - 2015-2019



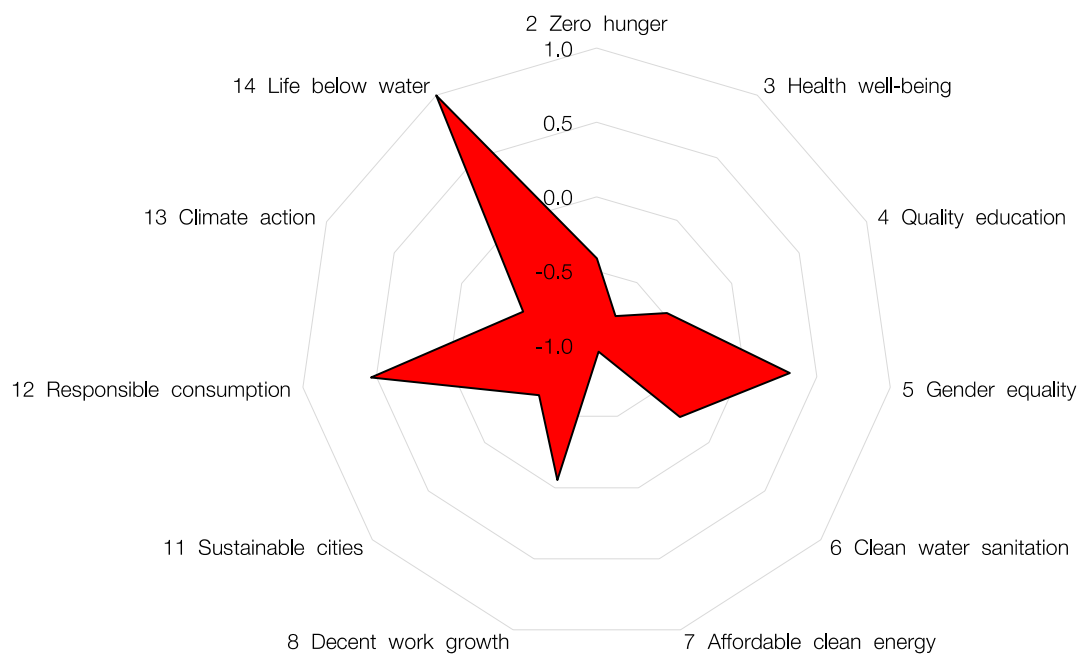
SDGs Score (Challenges) in Norway - 2008-2017



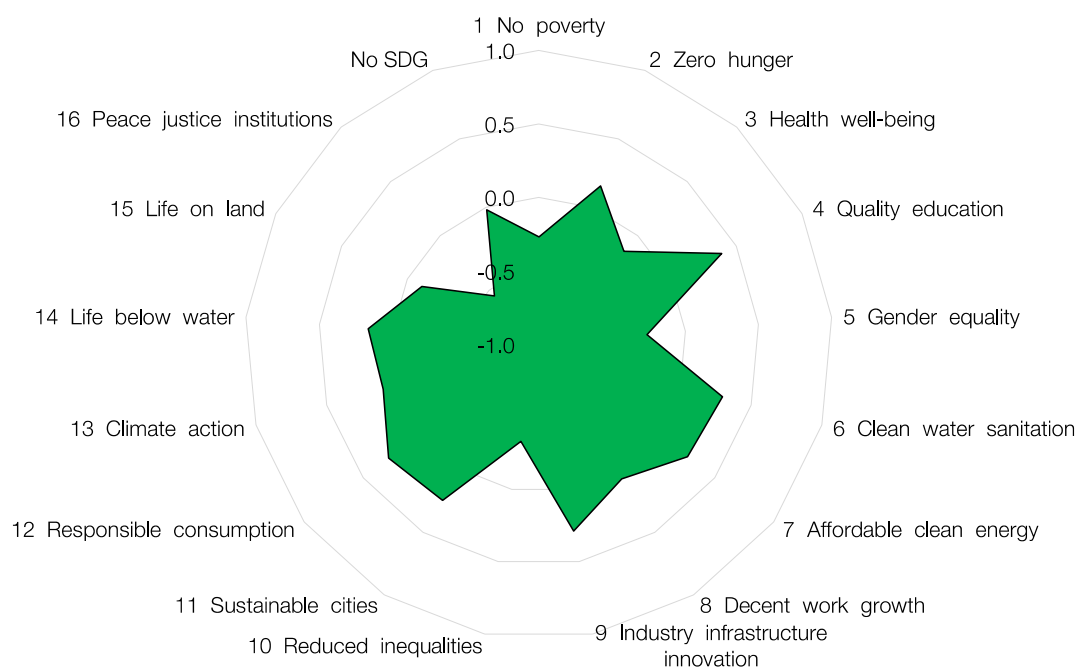
SDGs Research Specialisation in Norway - 2015-2019



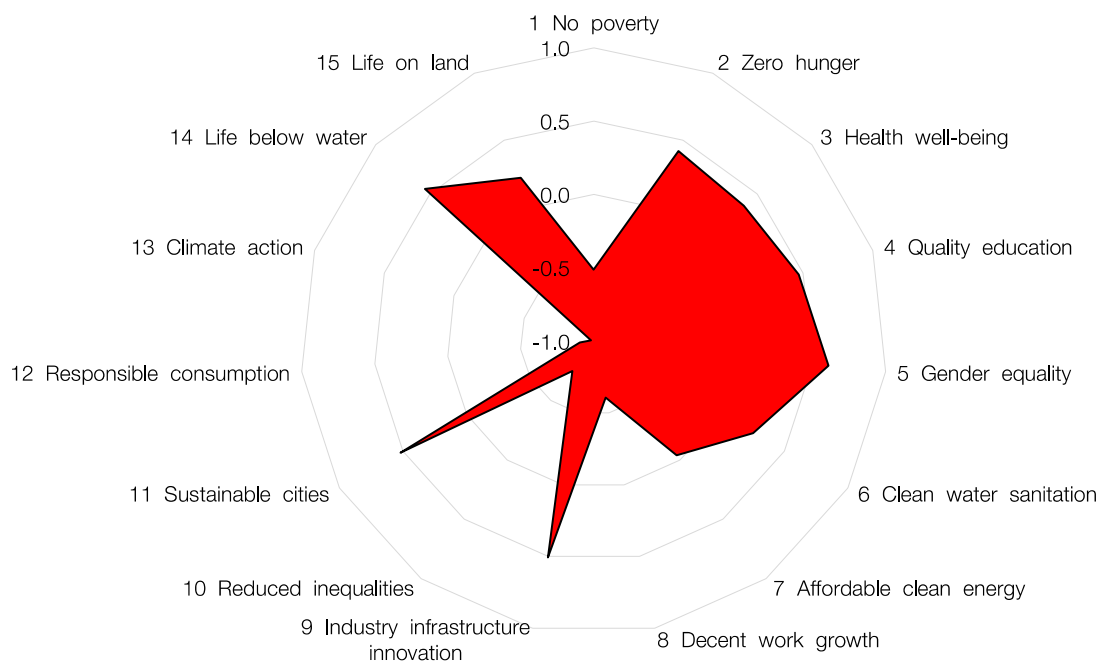
SDGs Score (Challenges) in Oman - 2008-2017



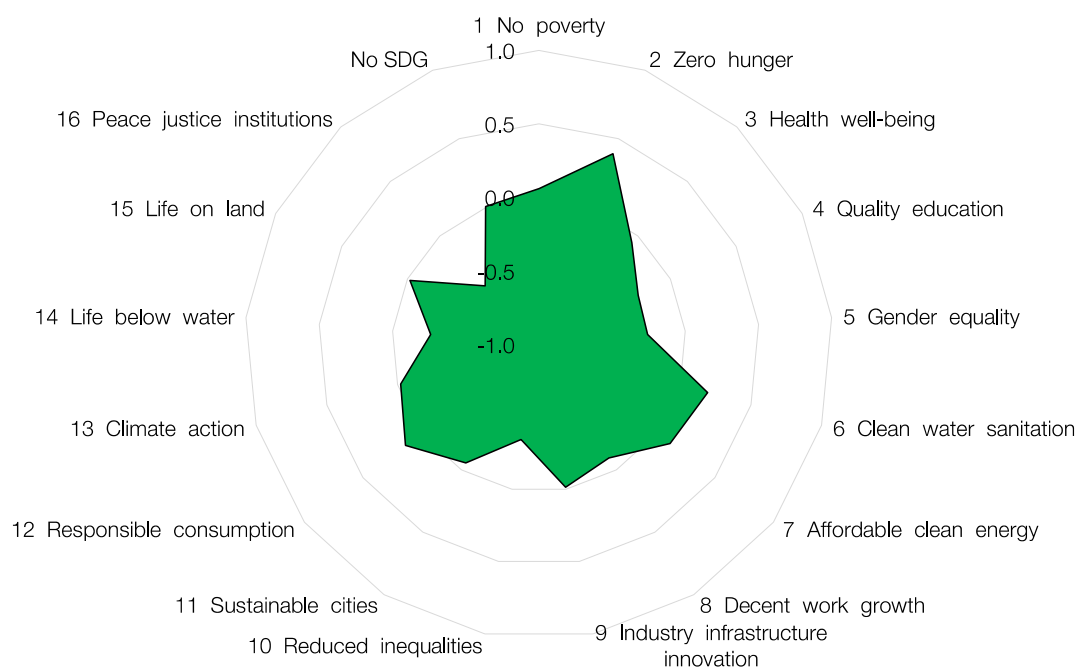
SDGs Research Specialisation in Oman - 2015-2019



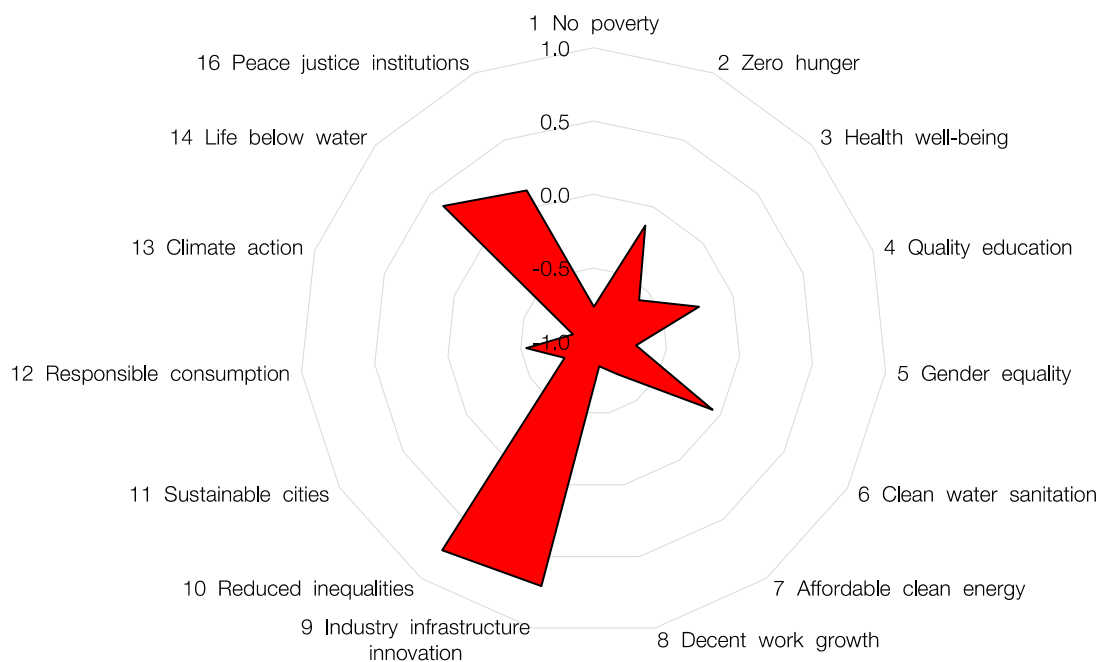
SDGs Score (Challenges) in Pakistan - 2008-2017



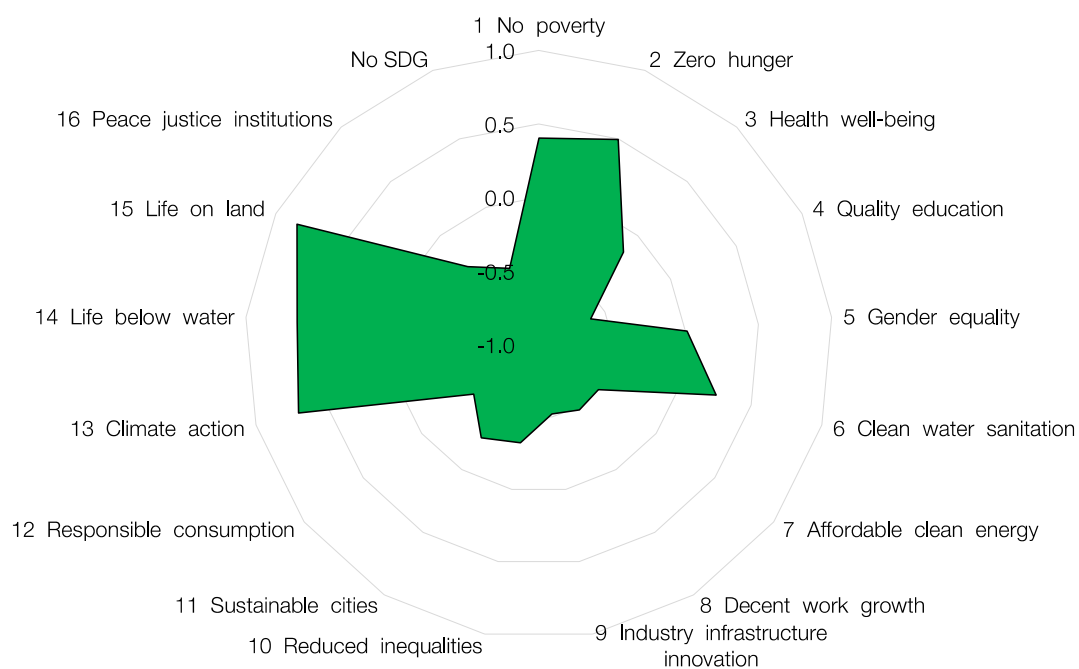
SDGs Research Specialisation in Pakistan - 2015-2019



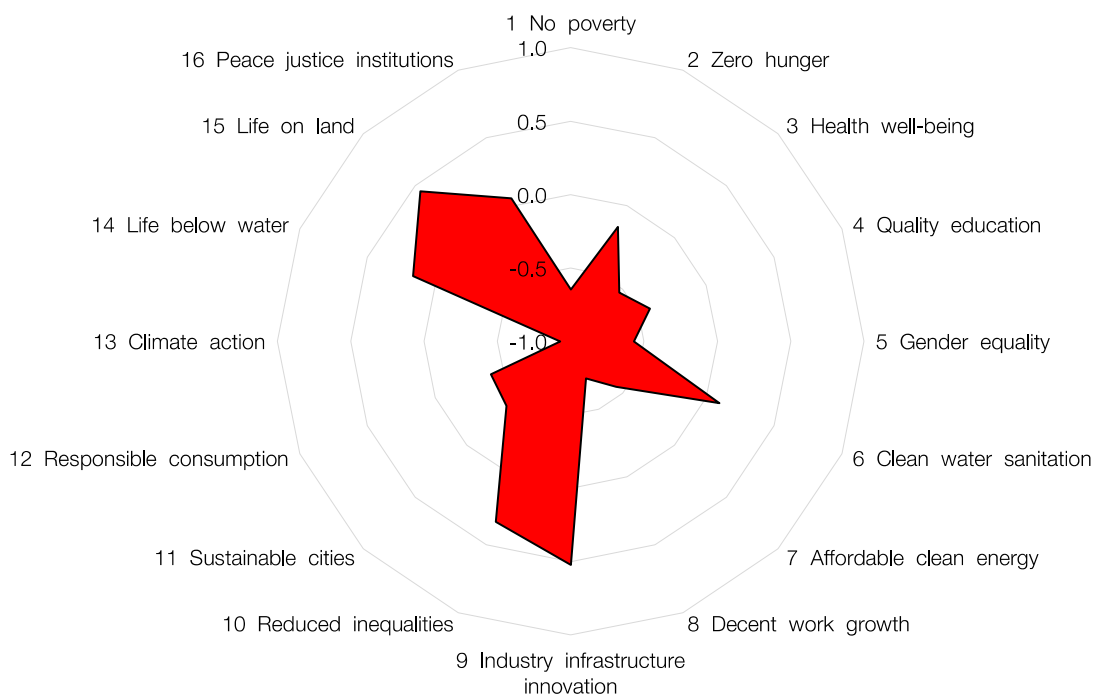
SDGs Score (Challenges) in Panama - 2008-2017



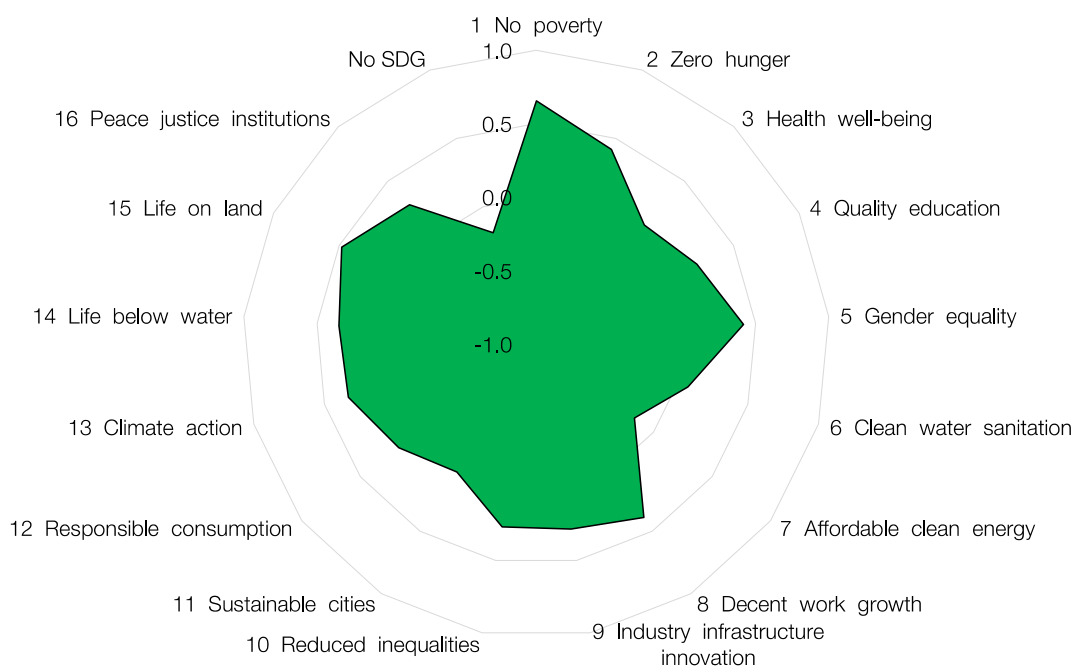
SDGs Research Specialisation in Panama - 2015-2019



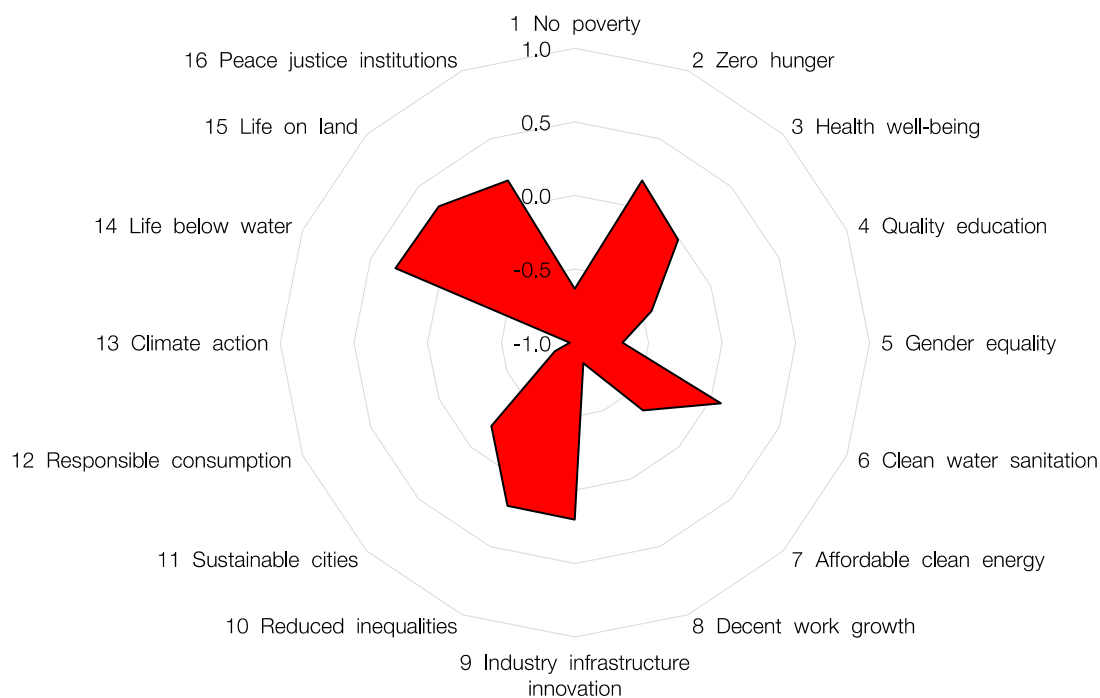
SDGs Score (Challenges) in Peru - 2008-2017



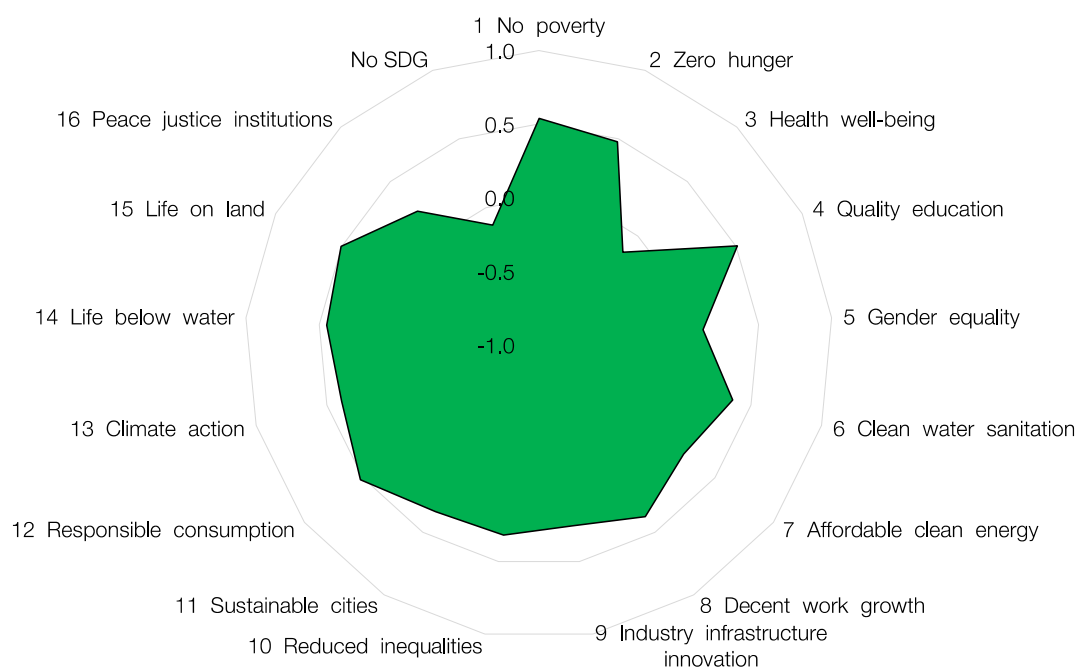
SDGs Research Specialisation in Peru - 2015-2019



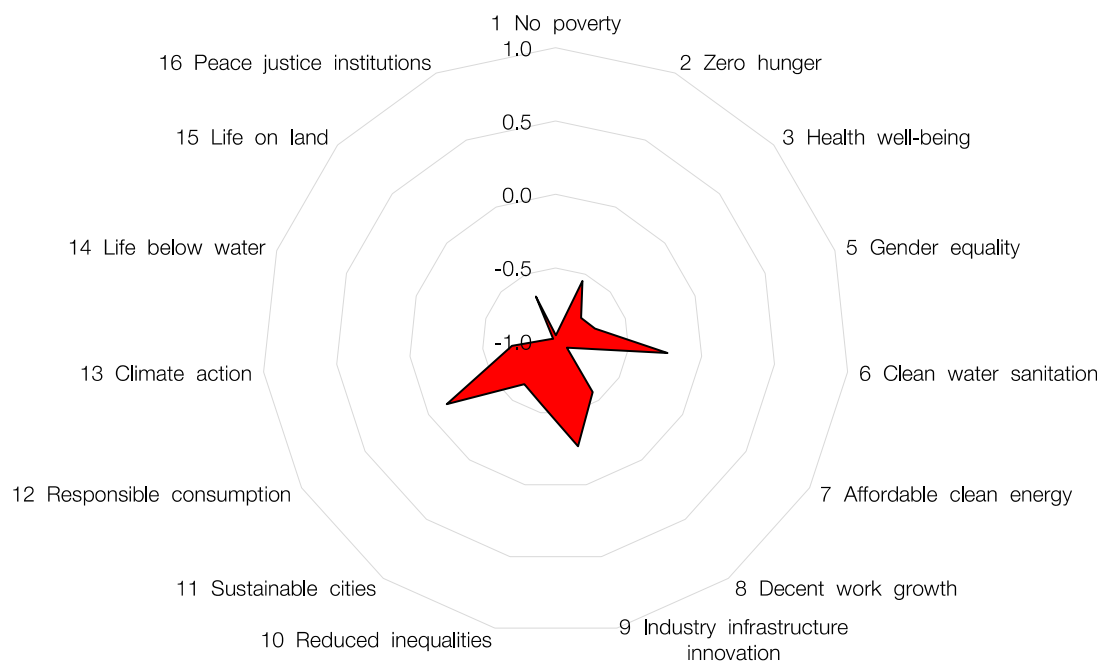
SDGs Score (Challenges) in Philippines - 2008-2017



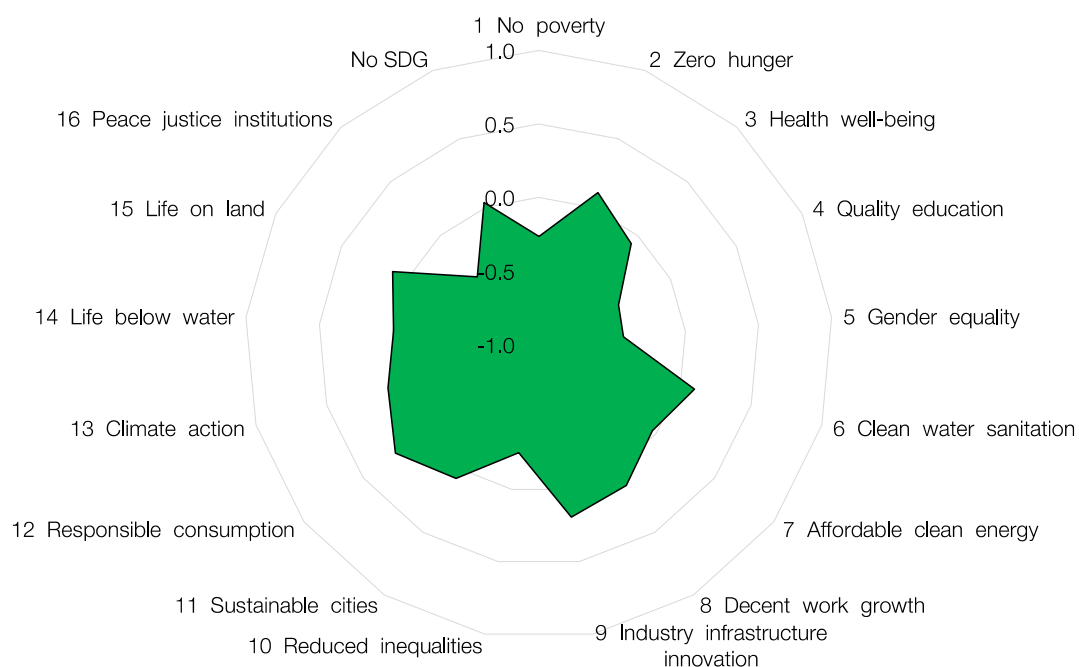
SDGs Research Specialisation in Philippines - 2015-2019



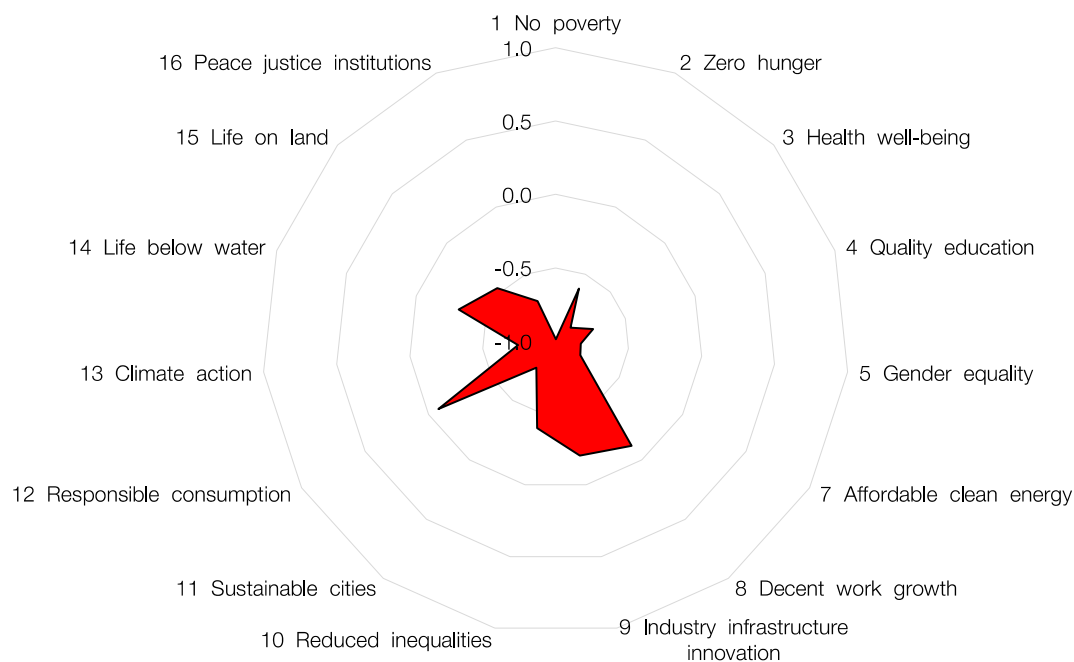
SDGs Score (Challenges) in Poland - 2008-2017



SDGs Research Specialisation in Poland - 2015-2019



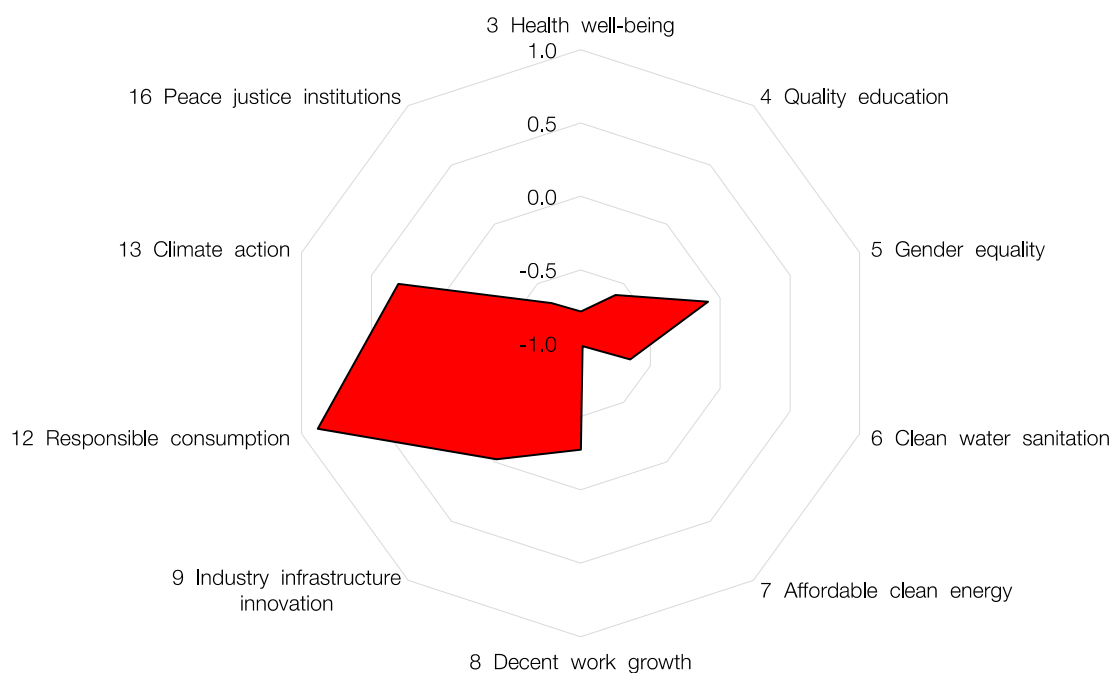
SDGs Score (Challenges) in Portugal - 2008-2017



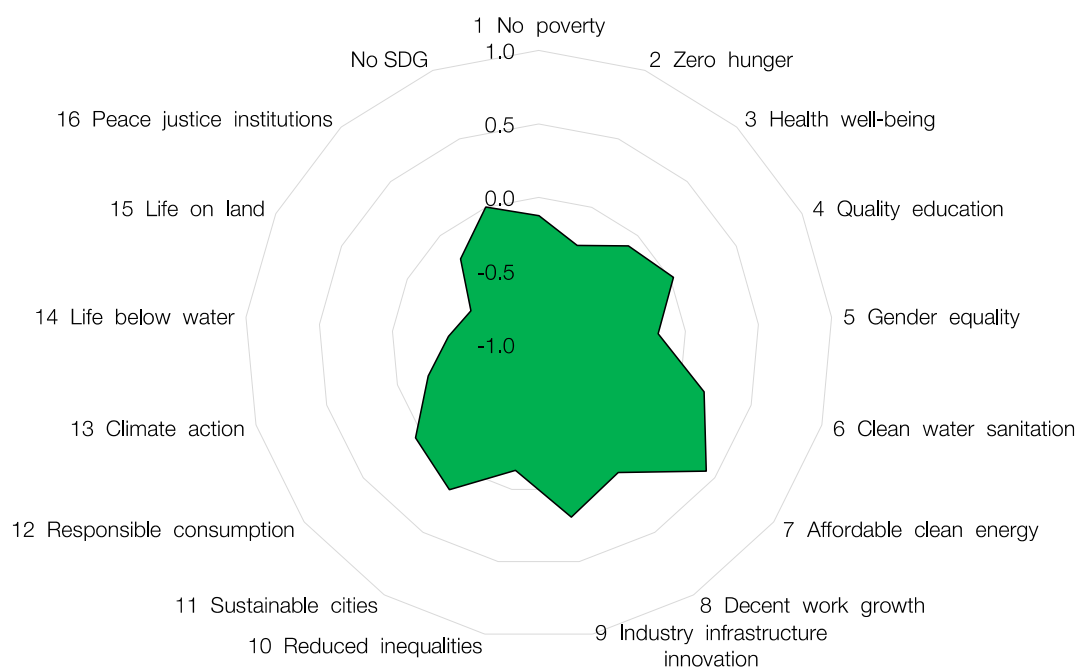
SDGs Research Specialisation in Portugal - 2015-2019



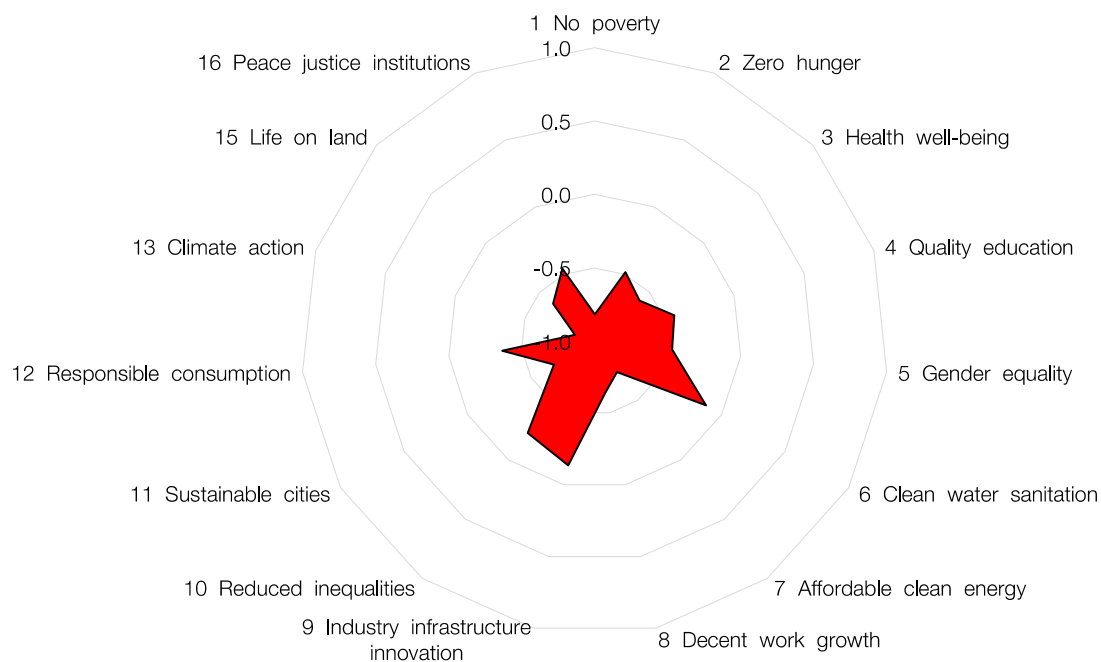
SDGs Score (Challenges) in Qatar - 2008-2017



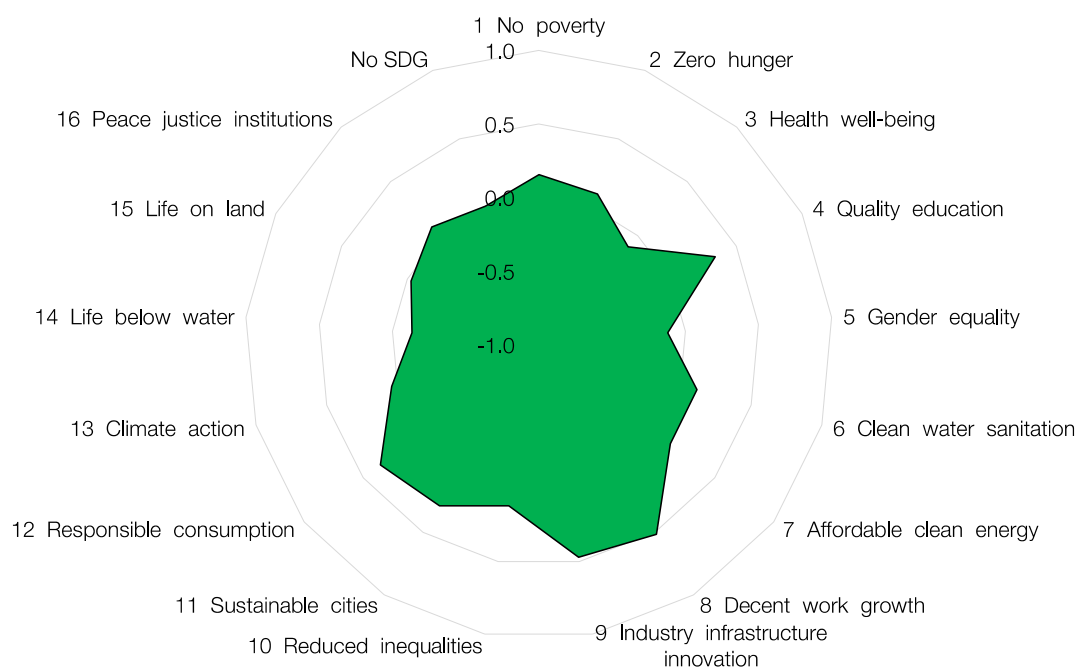
SDGs Research Specialisation in Qatar - 2015-2019



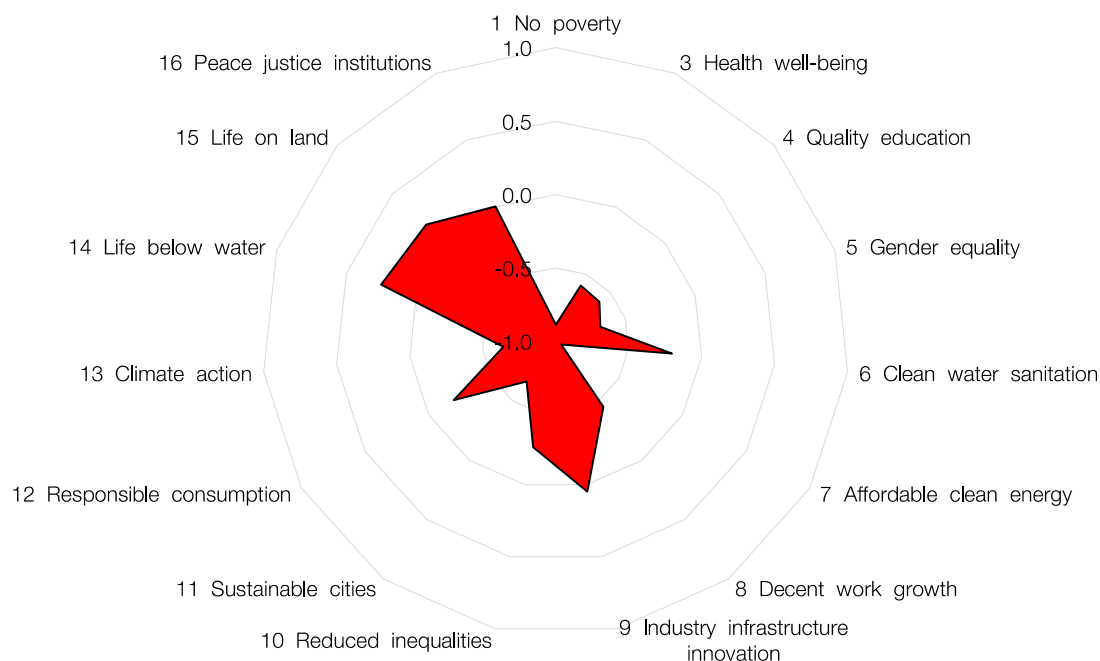
SDGs Score (Challenges) in Romania - 2008-2017



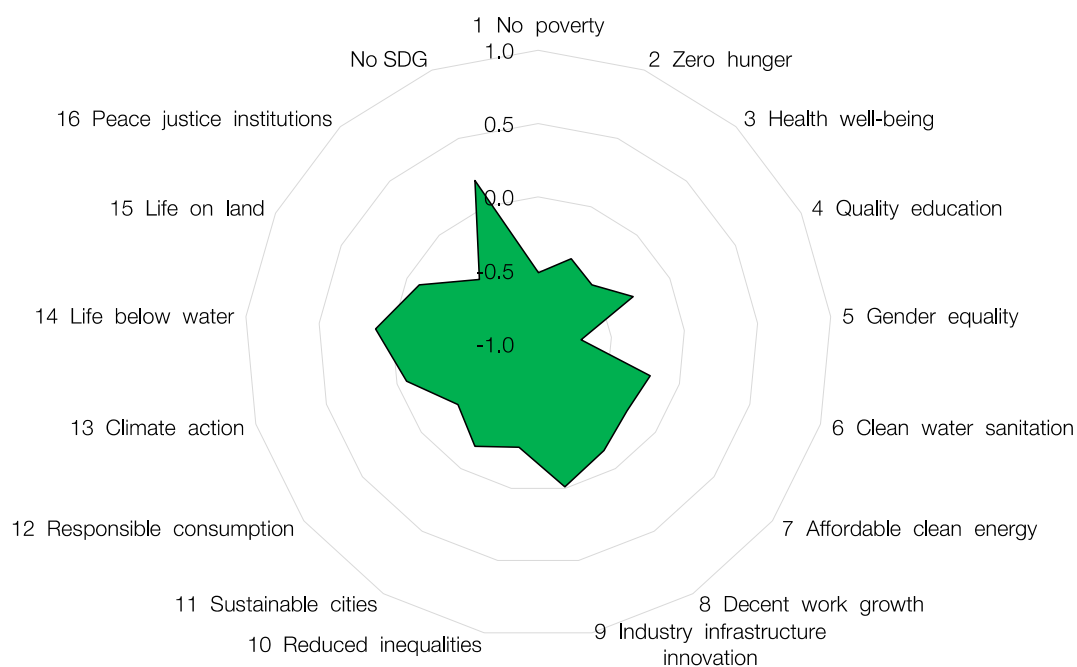
SDGs Research Specialisation in Romania - 2015-2019



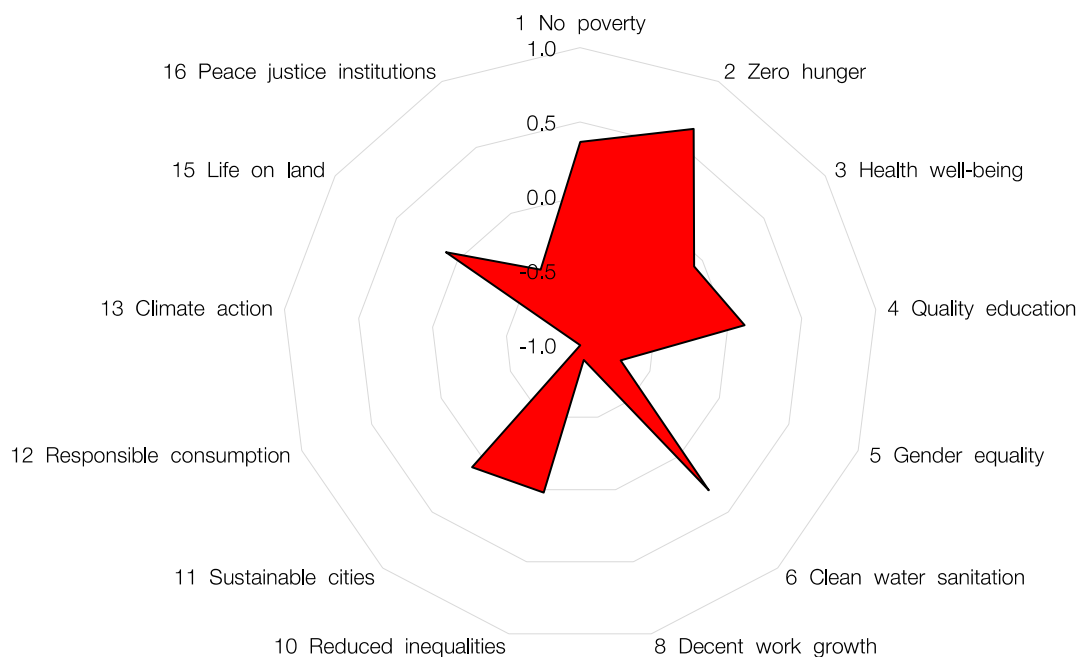
SDGs Score (Challenges) in Russia - 2008-2017



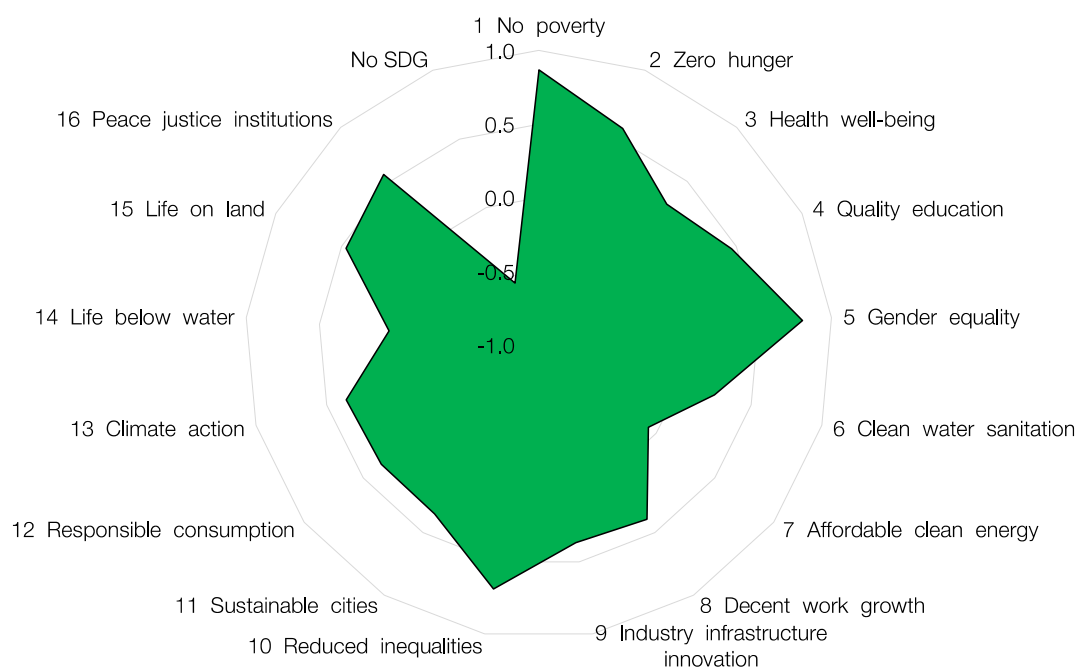
SDGs Research Specialisation in Russia - 2015-2019



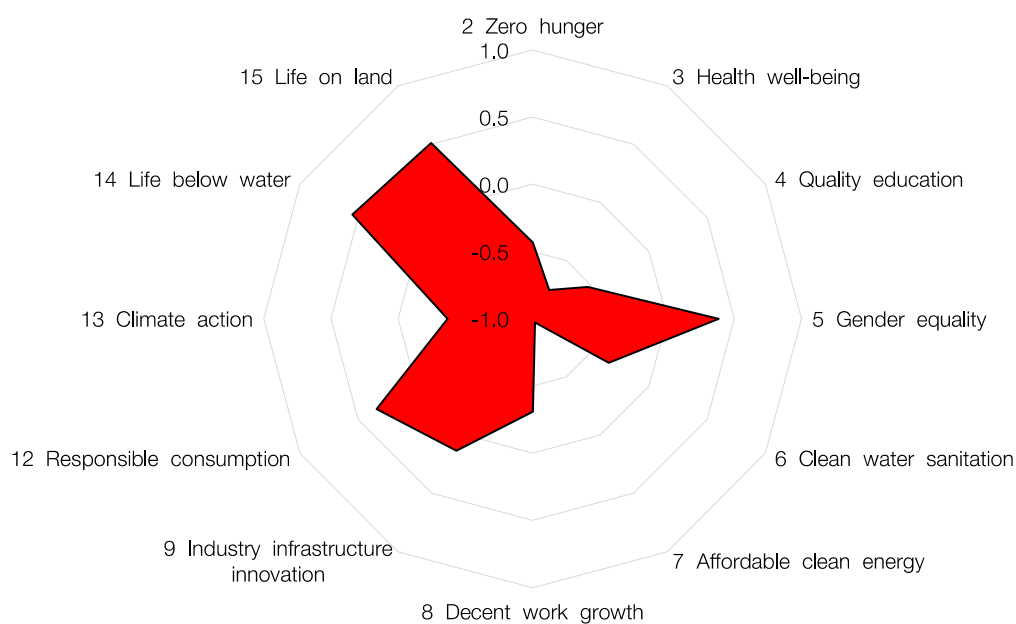
SDGs Score (Challenges) in Rwanda - 2008-2017



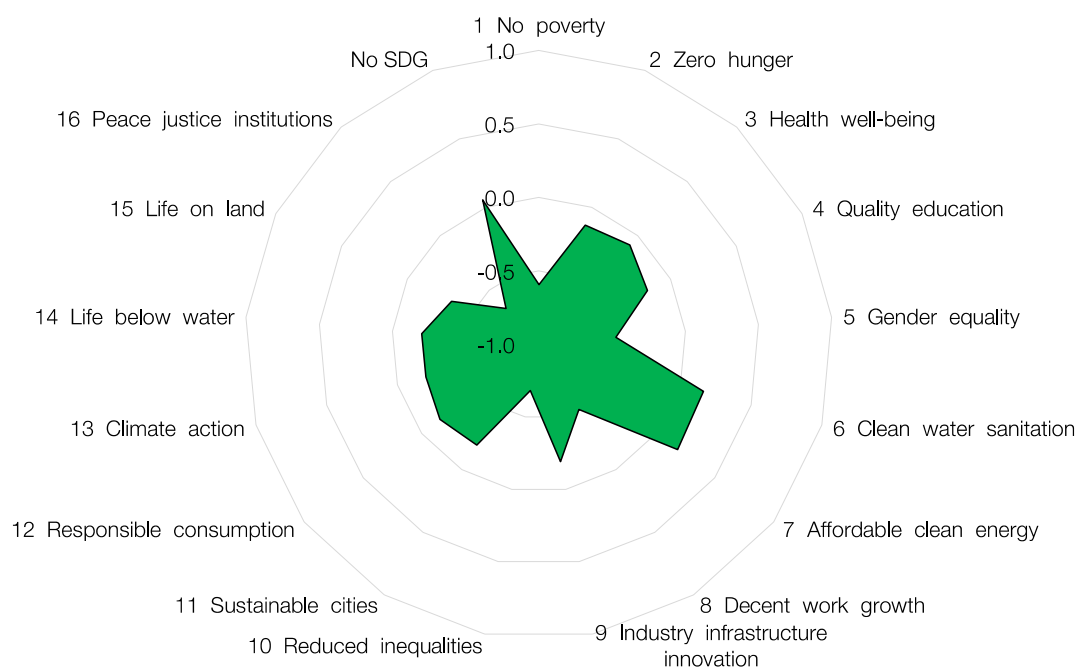
SDGs Research Specialisation in Rwanda - 2015-2019



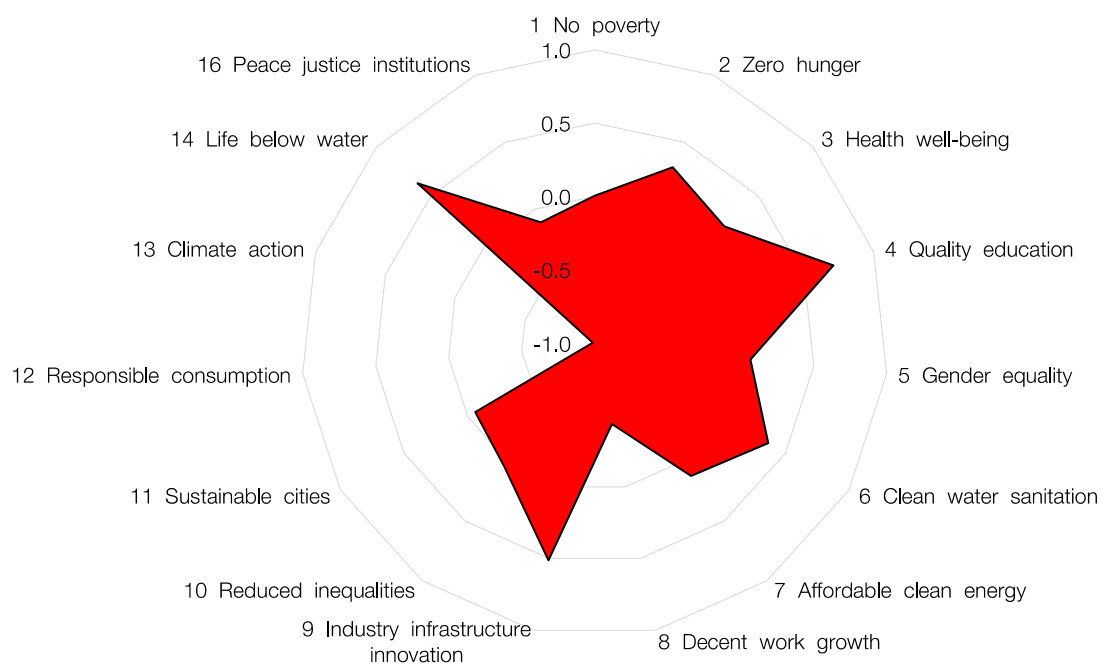
SDGs Score (Challenges) in Saudi Arabia - 2008-2017



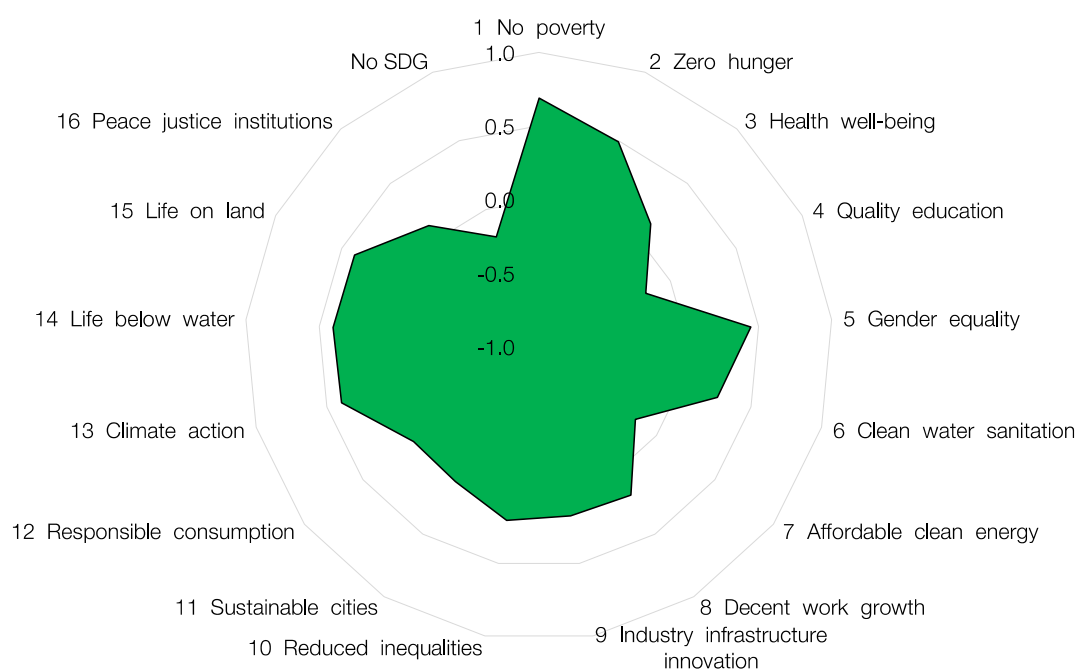
SDGs Research Specialisation in Saudi Arabia - 2015-2019



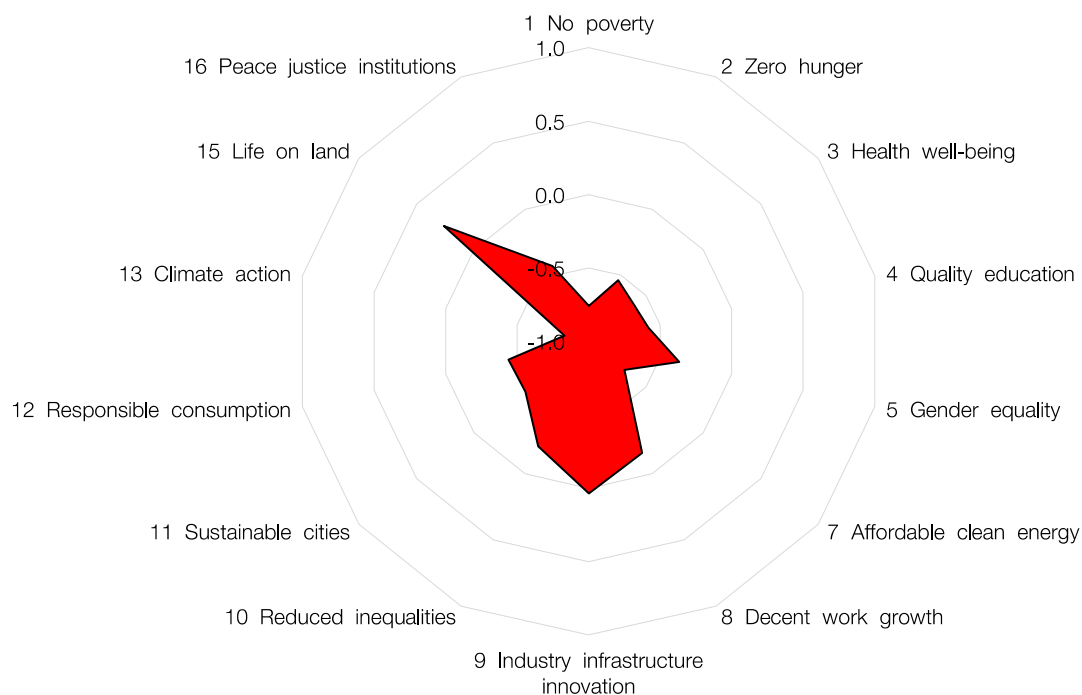
SDGs Score (Challenges) in Senegal - 2008-2017



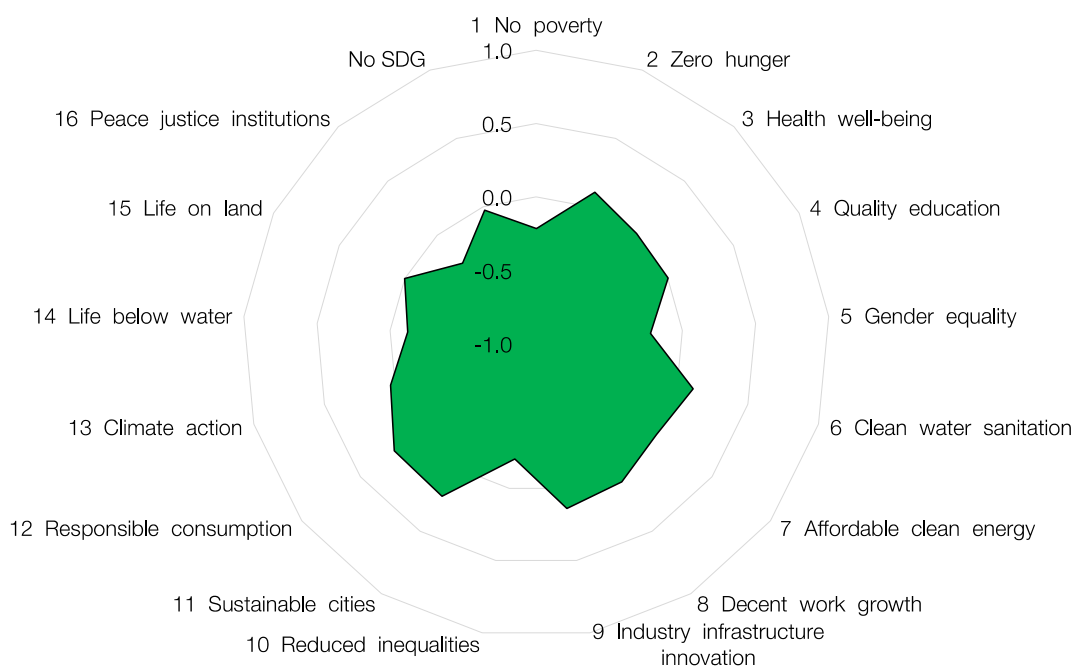
SDGs Research Specialisation in Senegal - 2015-2019



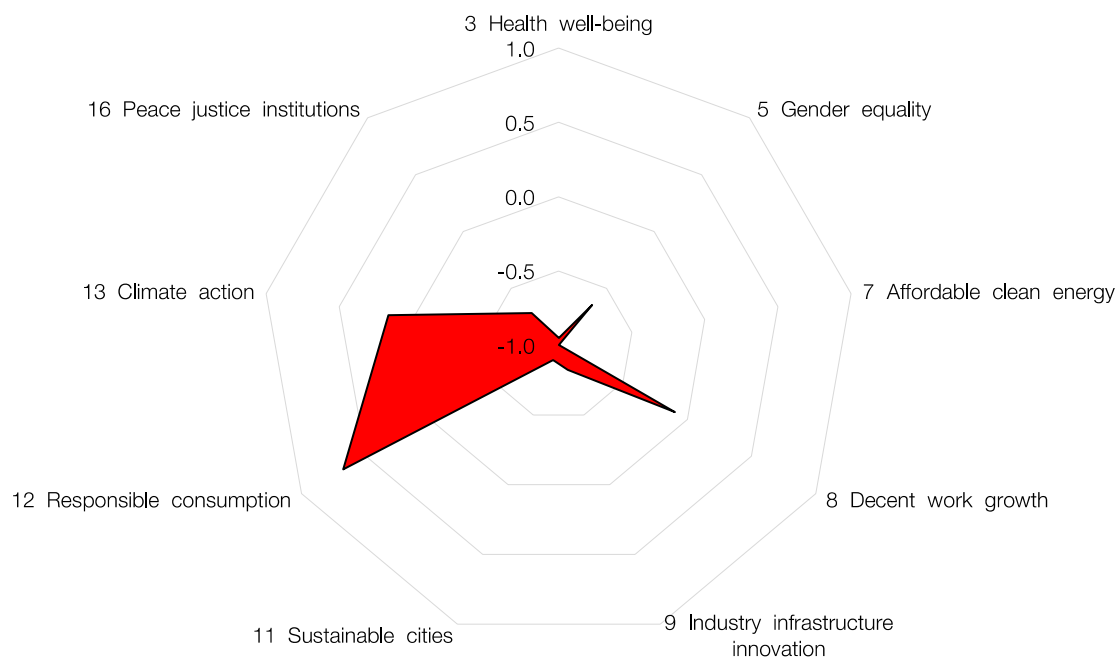
SDGs Score (Challenges) in Serbia - 2008-2017



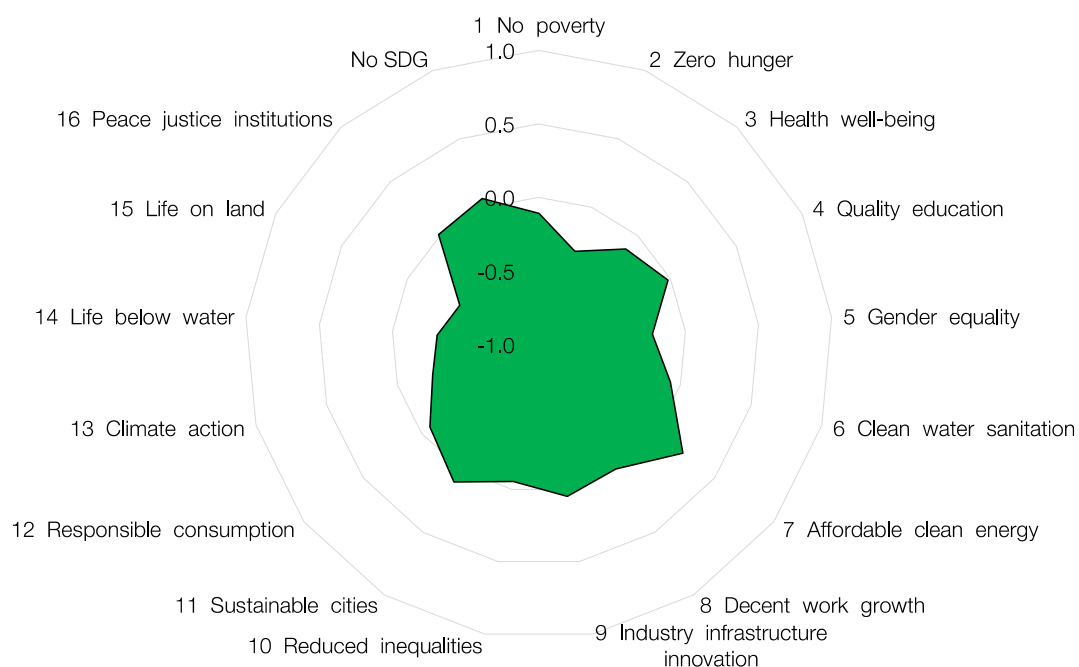
SDGs Research Specialisation in Serbia - 2015-2019



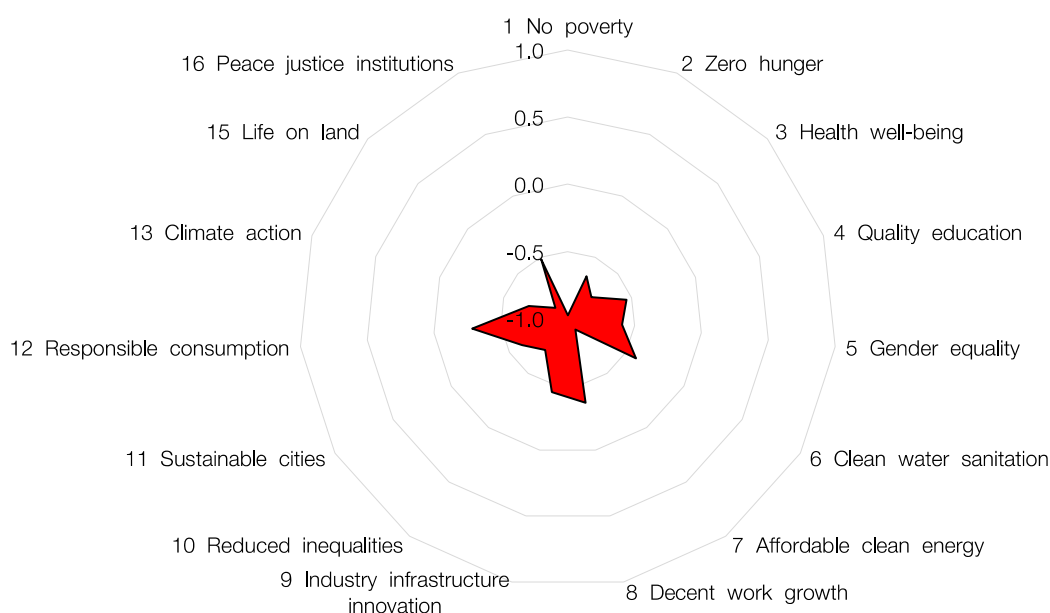
SDGs Score (Challenges) in Singapore - 2008-2017



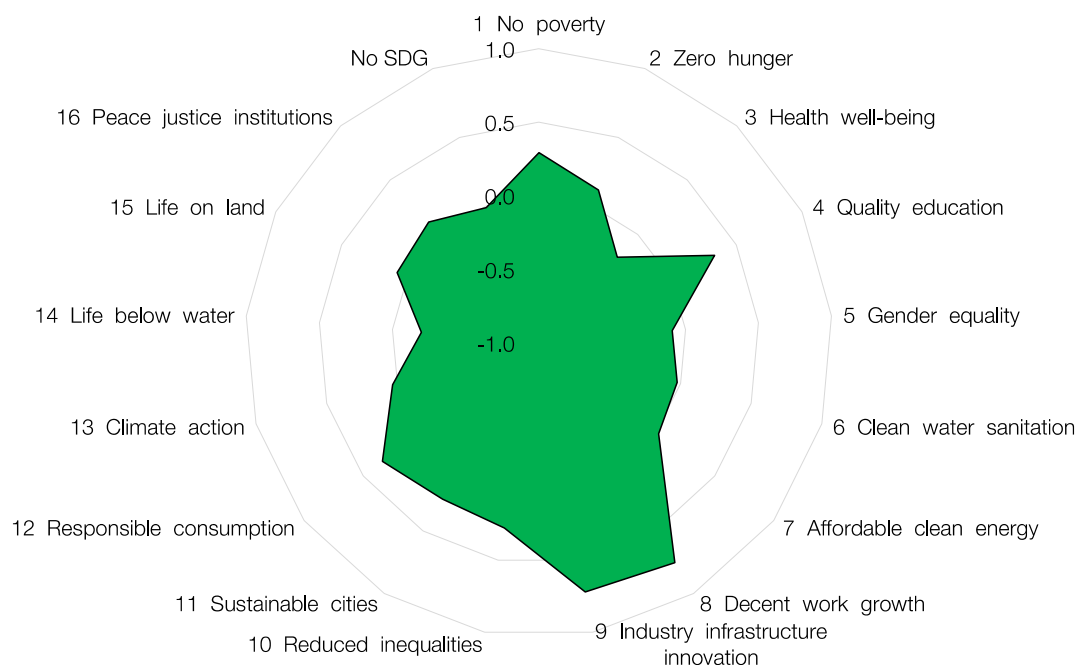
SDGs Research Specialisation in Singapore - 2015-2019



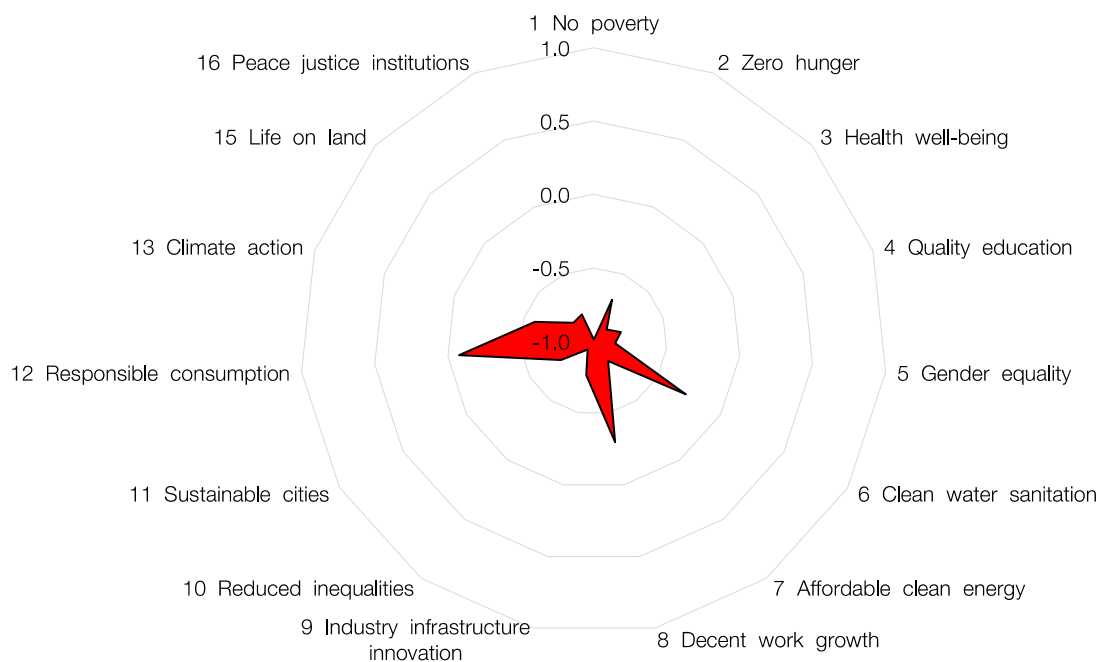
SDGs Score (Challenges) in Slovak Republic - 2008-2017



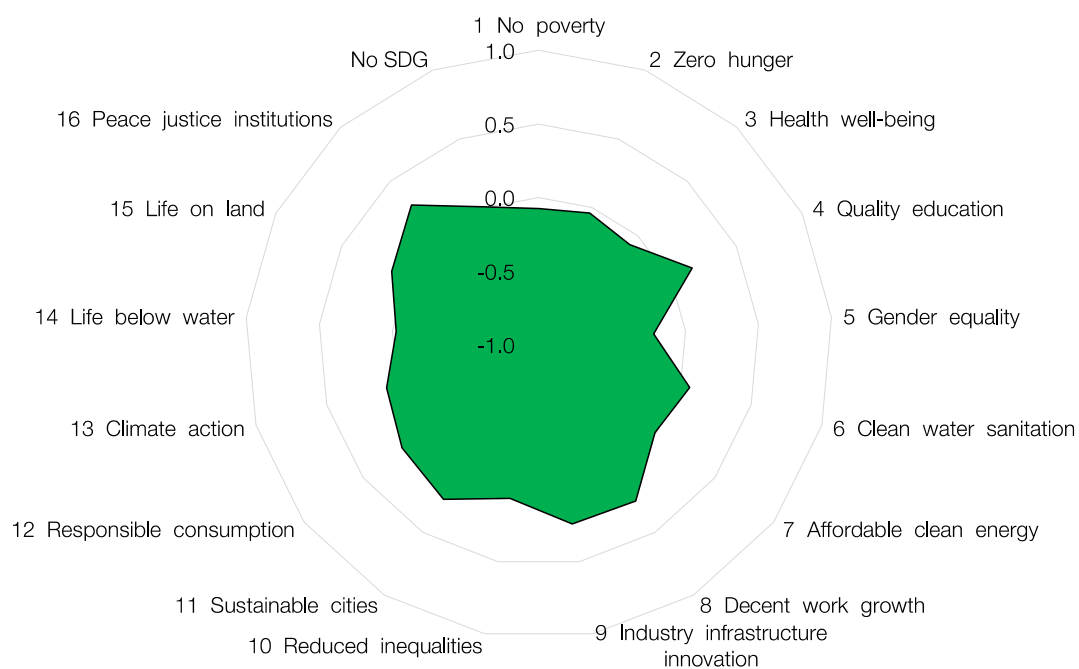
SDGs Research Specialisation in Slovak Republic - 2015-2019



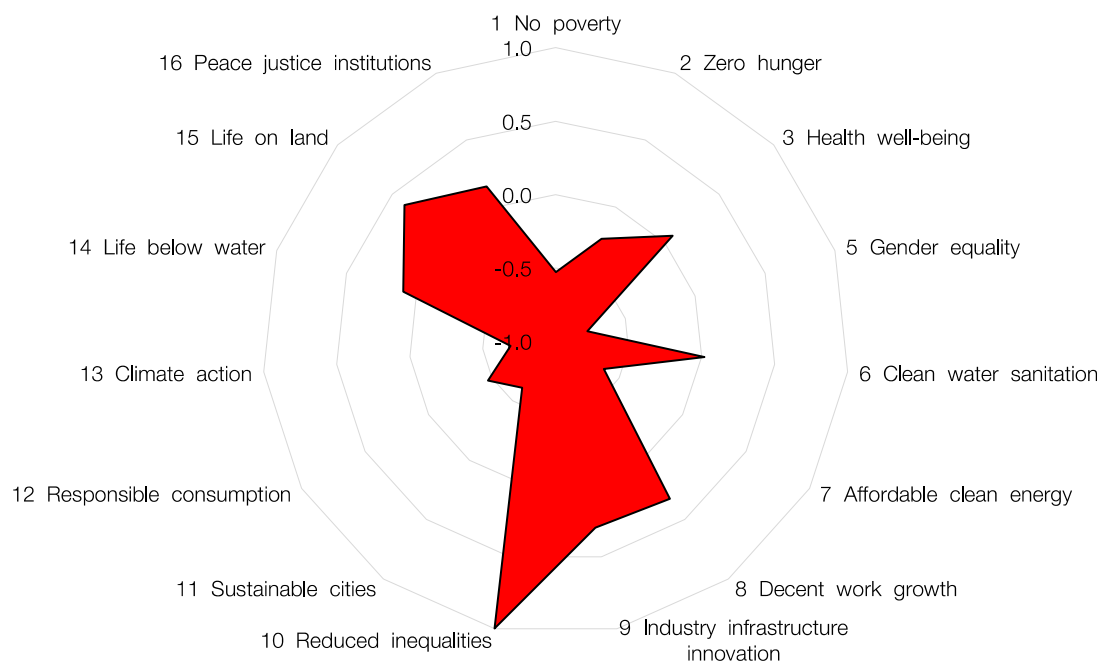
SDGs Score (Challenges) in Slovenia - 2008-2017



SDGs Research Specialisation in Slovenia - 2015-2019



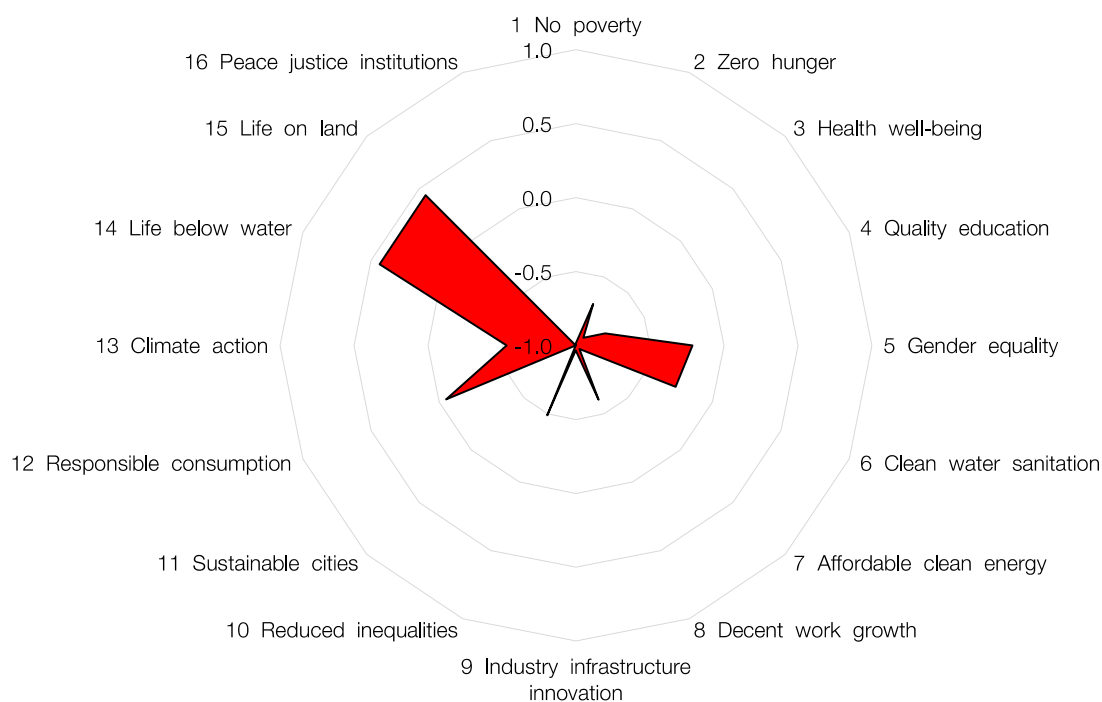
SDGs Score (Challenges) in South Africa - 2008-2017



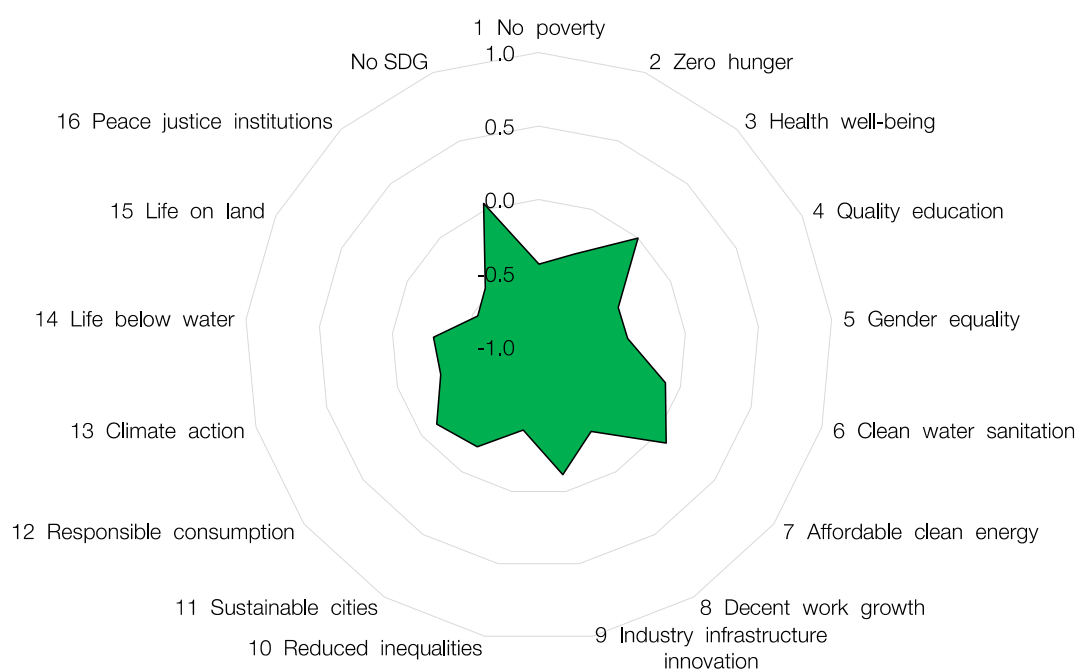
SDGs Research Specialisation in South Africa - 2015-2019



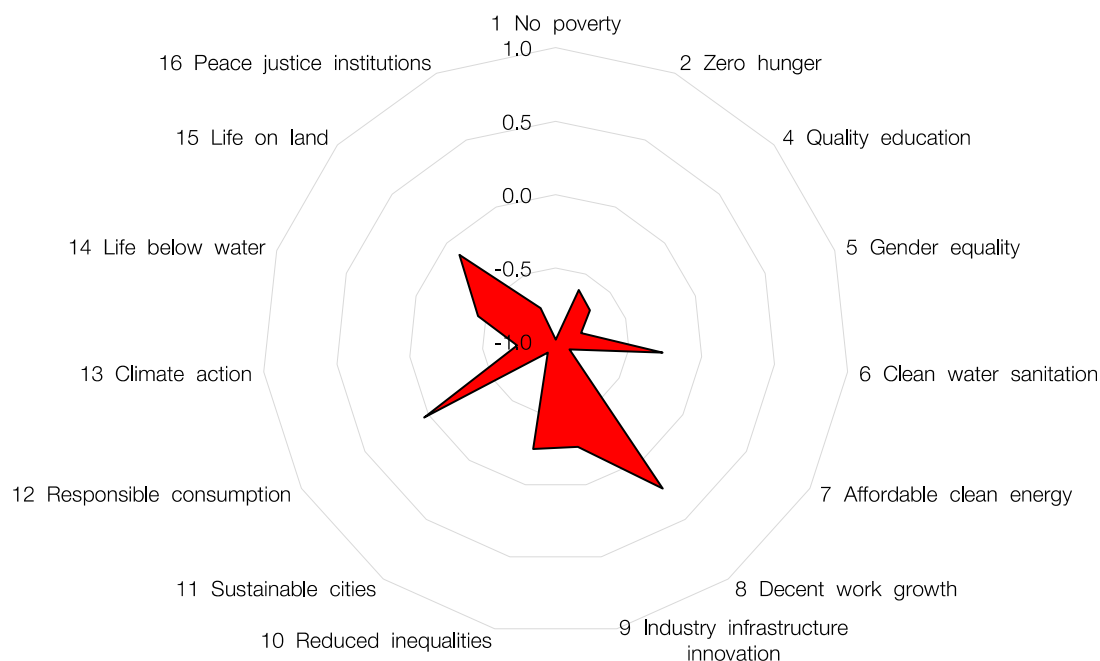
SDGs Score (Challenges) in South Korea - 2008-2017



SDGs Research Specialisation in South Korea - 2015-2019



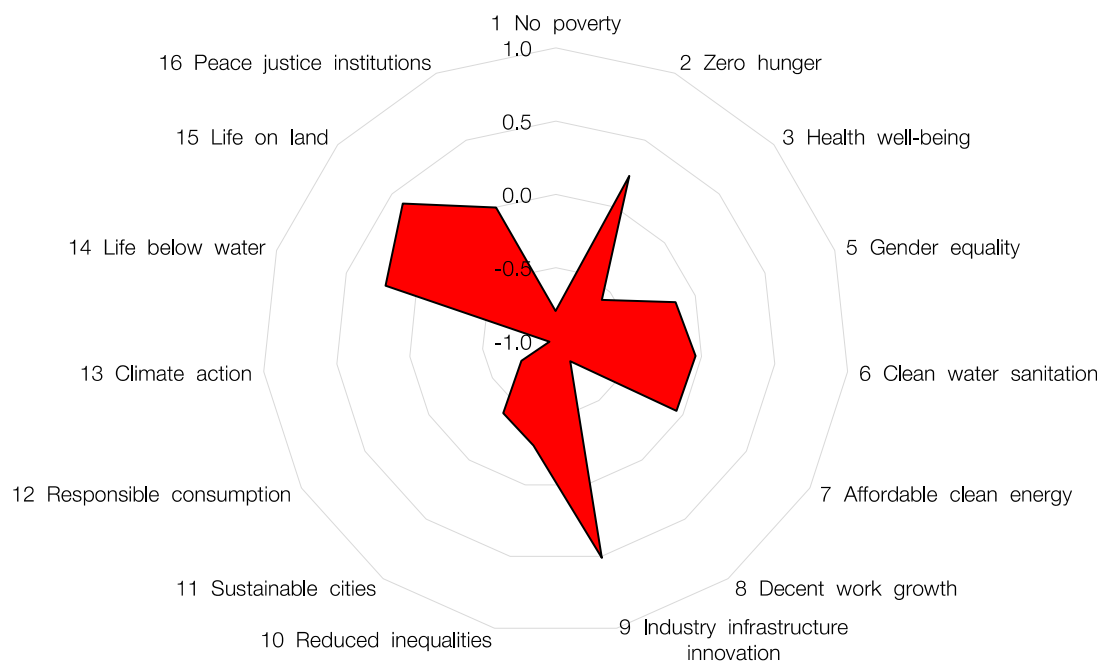
SDGs Score (Challenges) in Spain - 2008-2017



SDGs Research Specialisation in Spain - 2015-2019



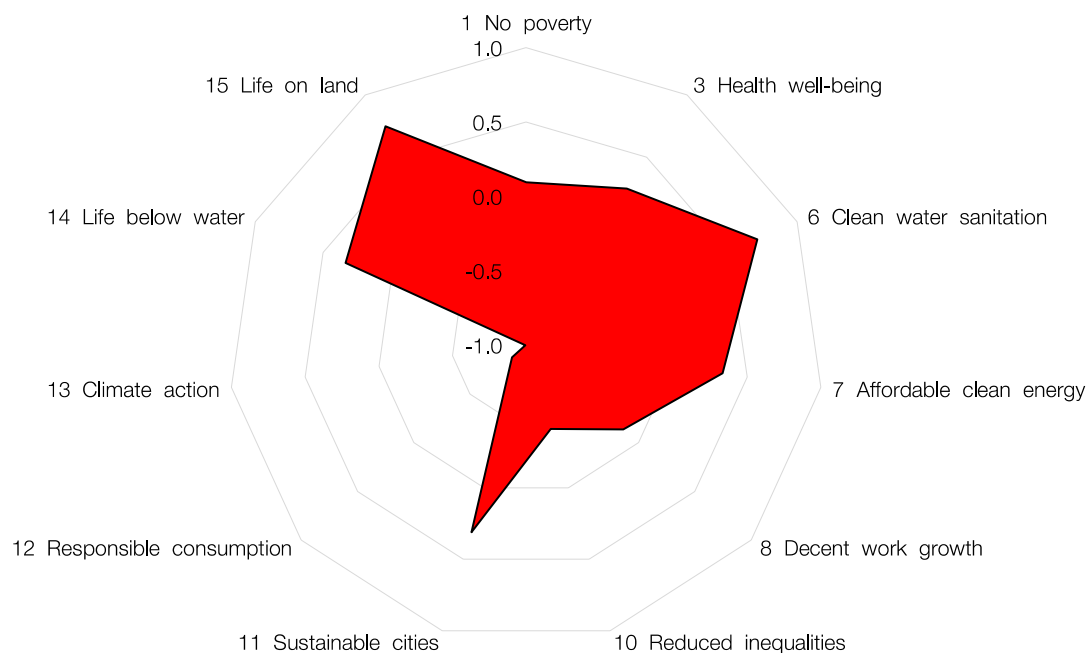
SDGs Score (Challenges) in Sri Lanka - 2008-2017



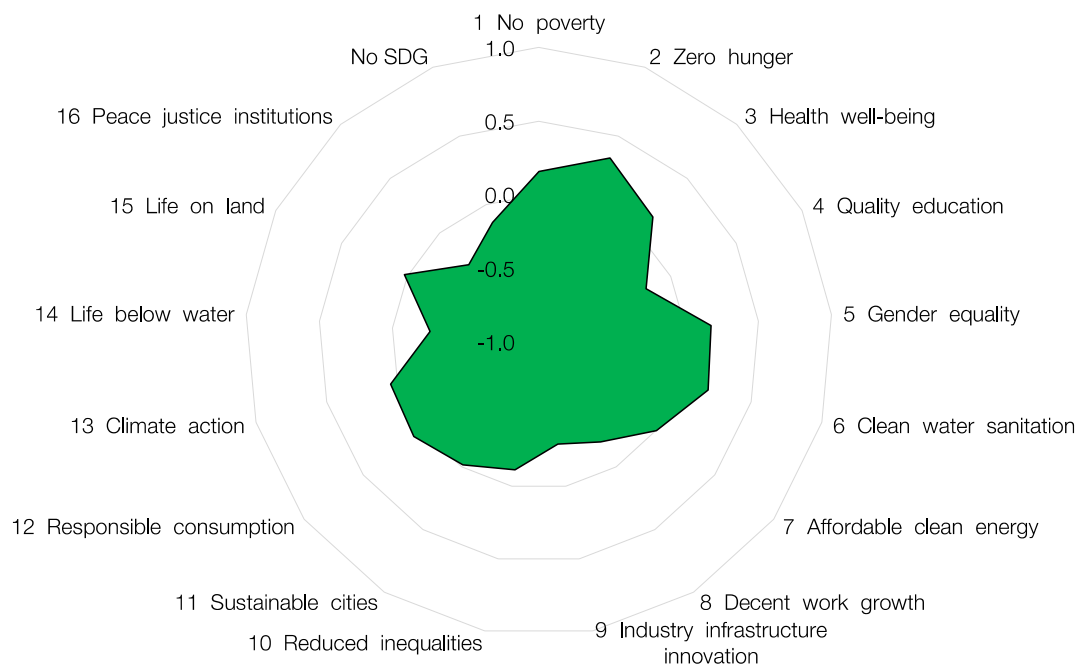
SDGs Research Specialisation in Sri Lanka - 2015-2019



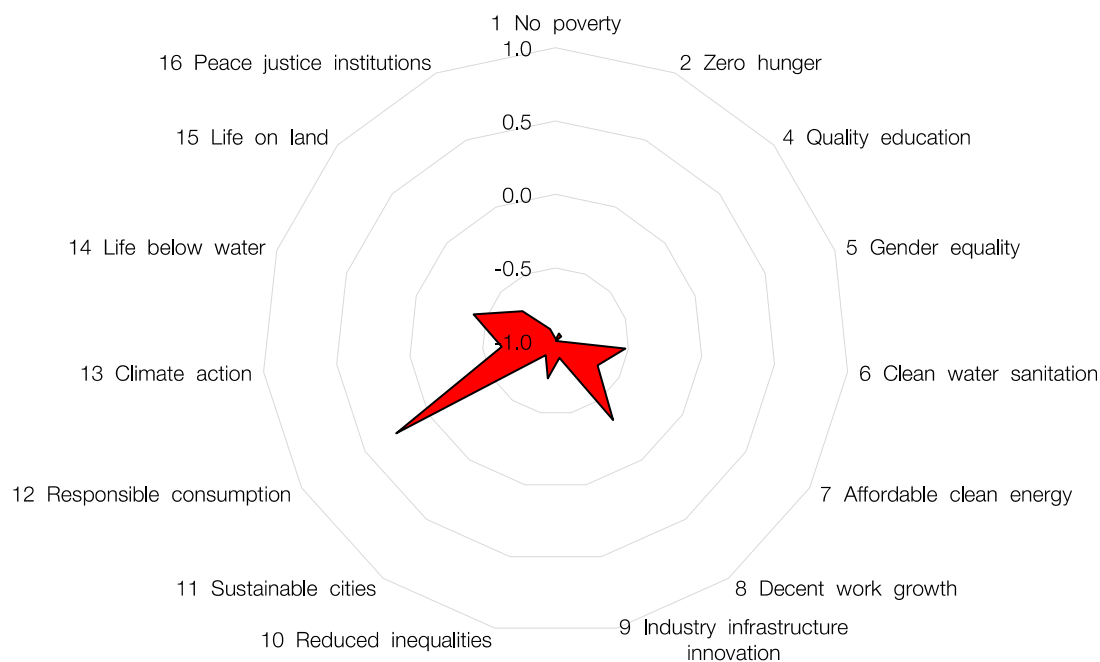
SDGs Score (Challenges) in Sudan - 2008-2017



SDGs Research Specialisation in Sudan - 2015-2019



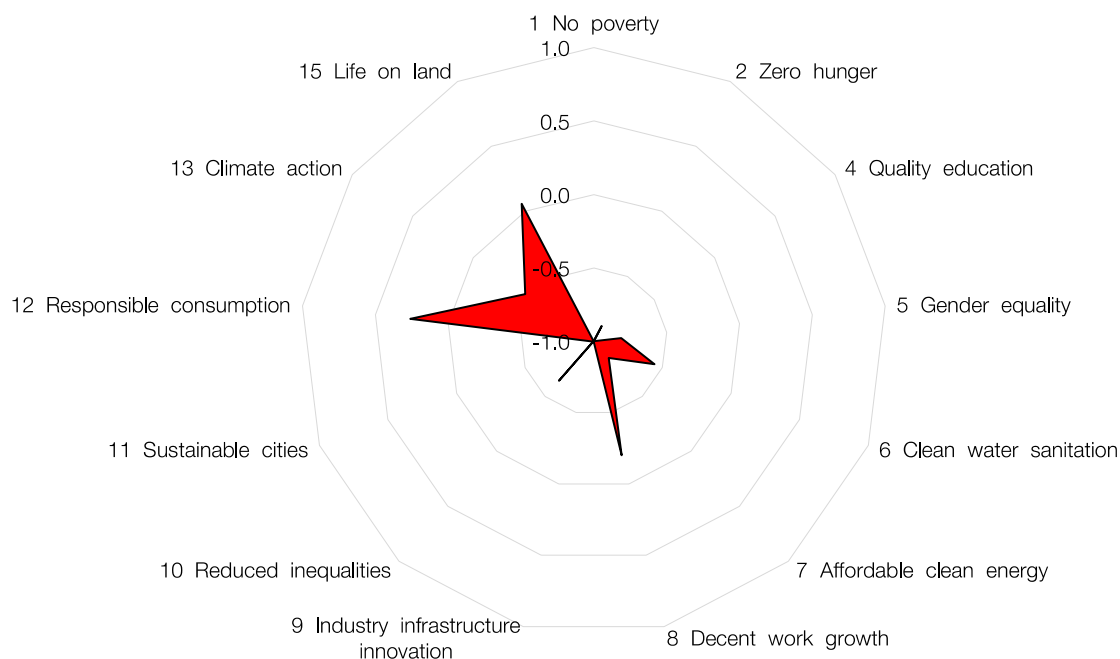
SDGs Score (Challenges) in Sweden - 2008-2017



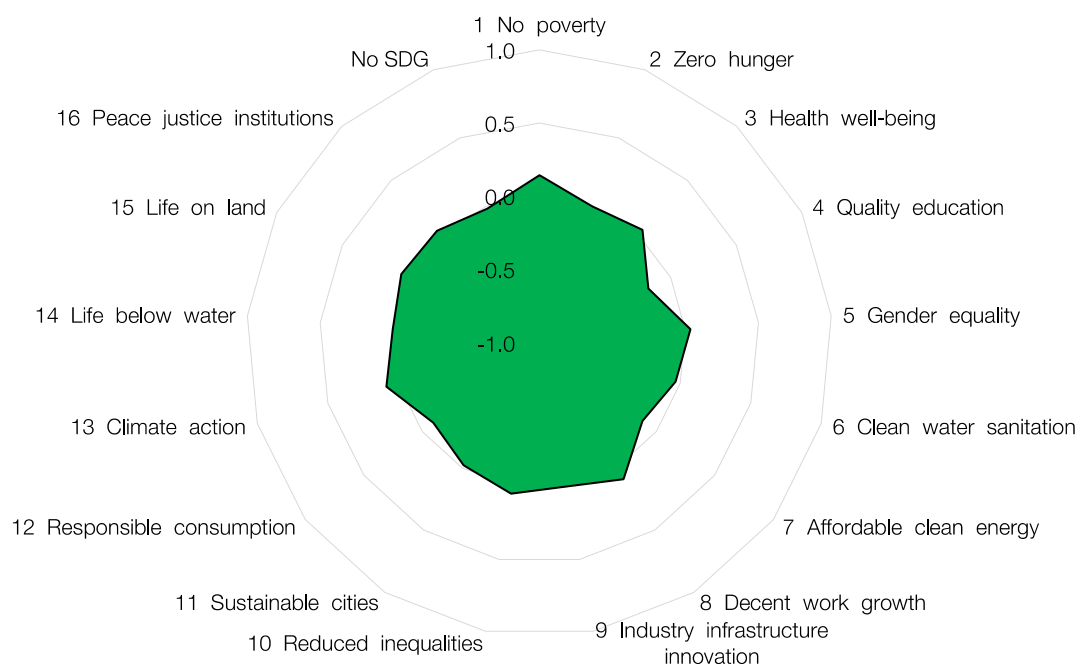
SDGs Research Specialisation in Sweden - 2015-2019



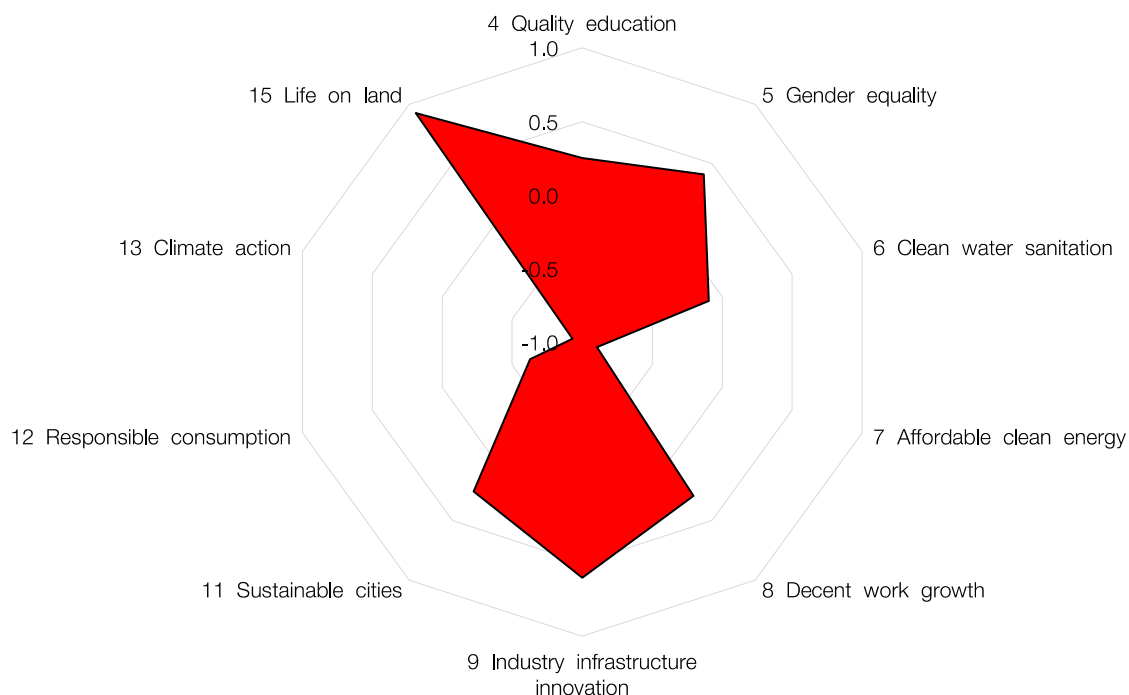
SDGs Score (Challenges) in Switzerland - 2008-2017



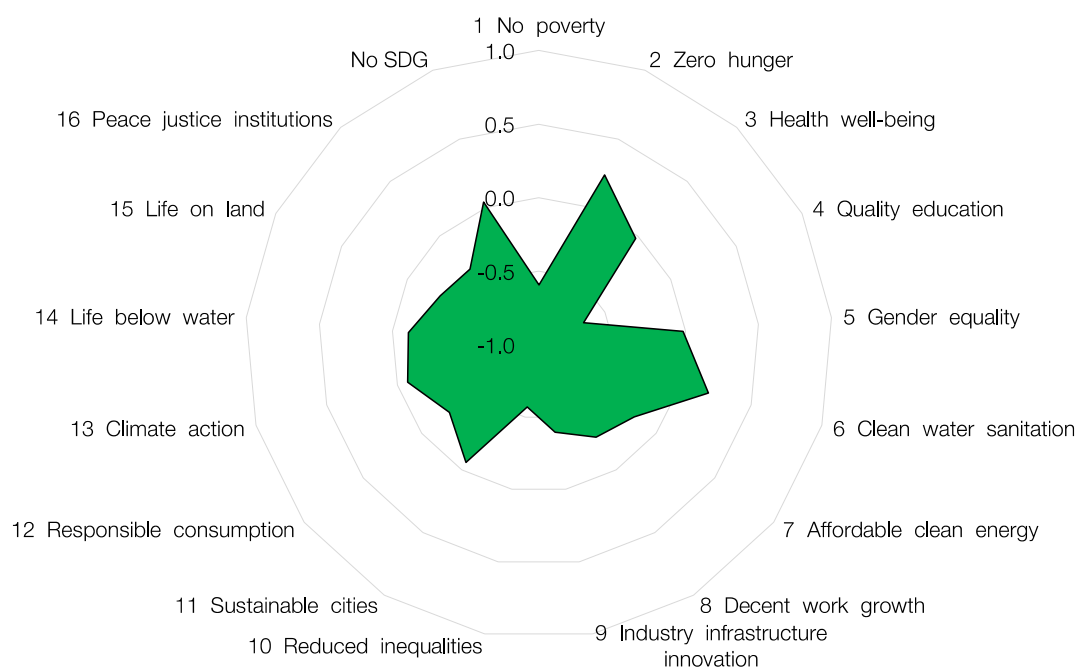
SDGs Research Specialisation in Switzerland - 2015-2019



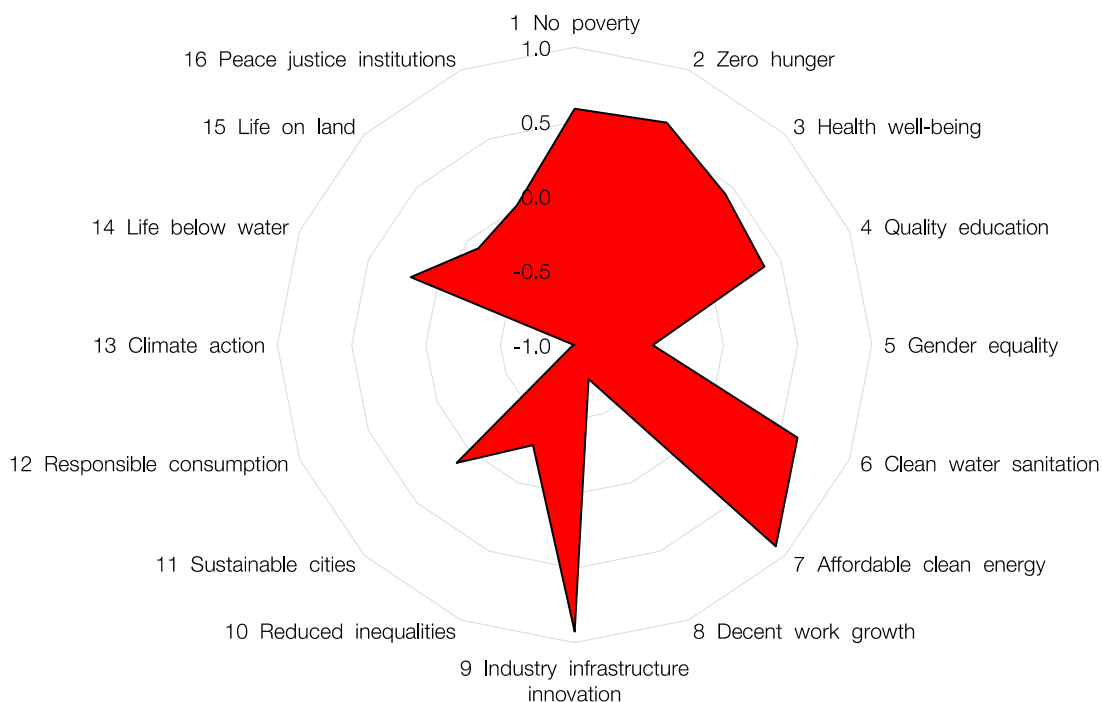
SDGs Score (Challenges) in Syria - 2008-2017



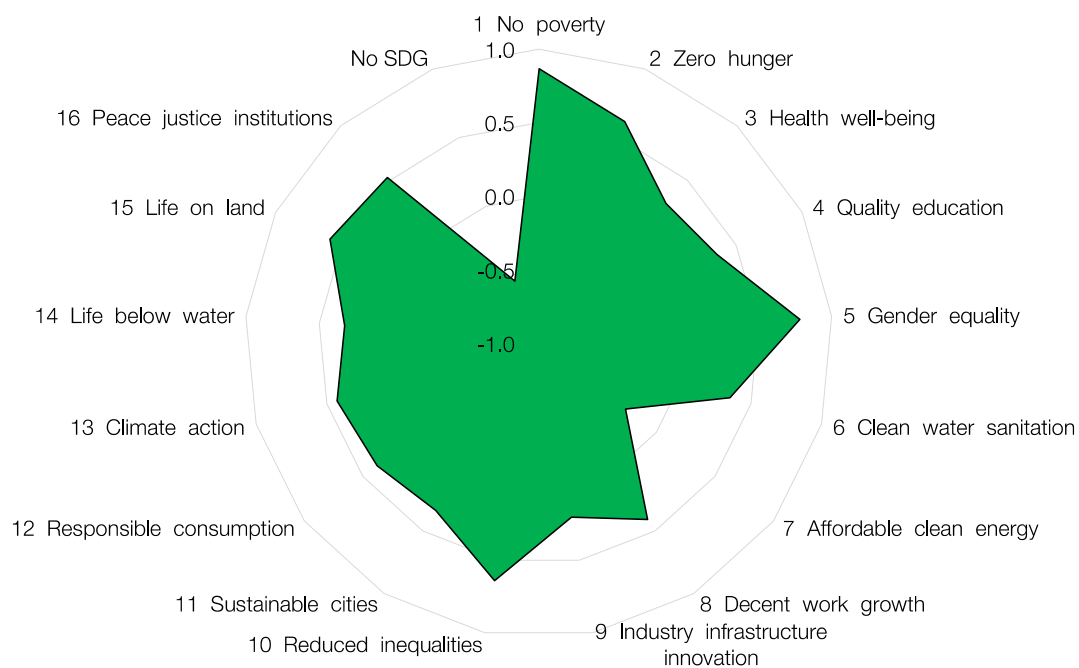
SDGs Research Specialisation in Syria - 2015-2019



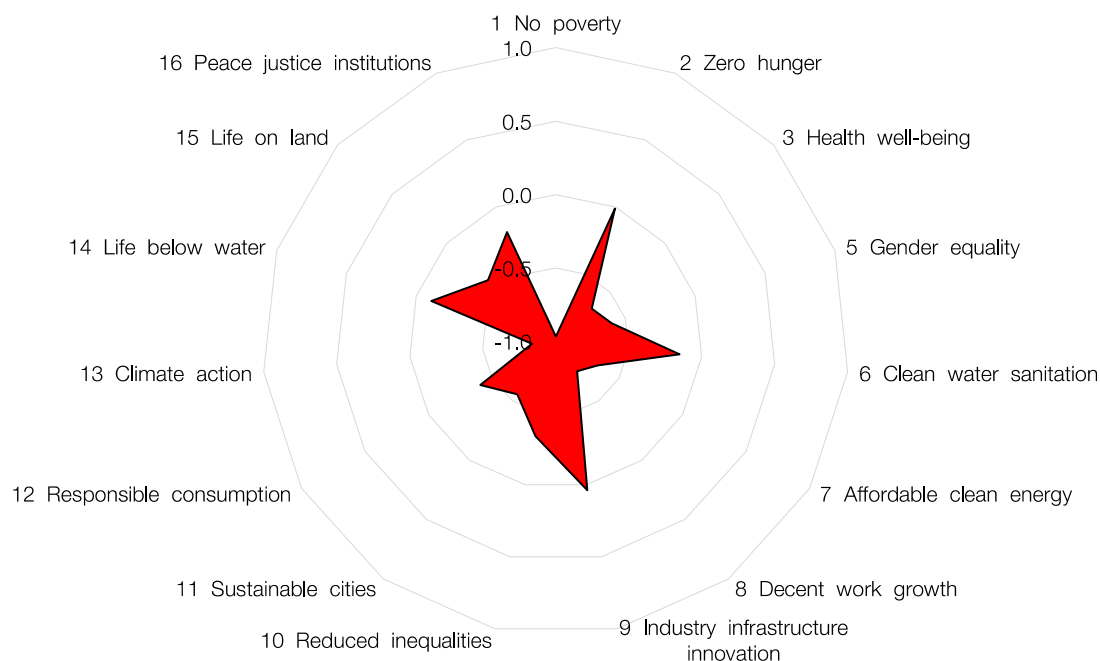
SDGs Score (Challenges) in Tanzania - 2008-2017



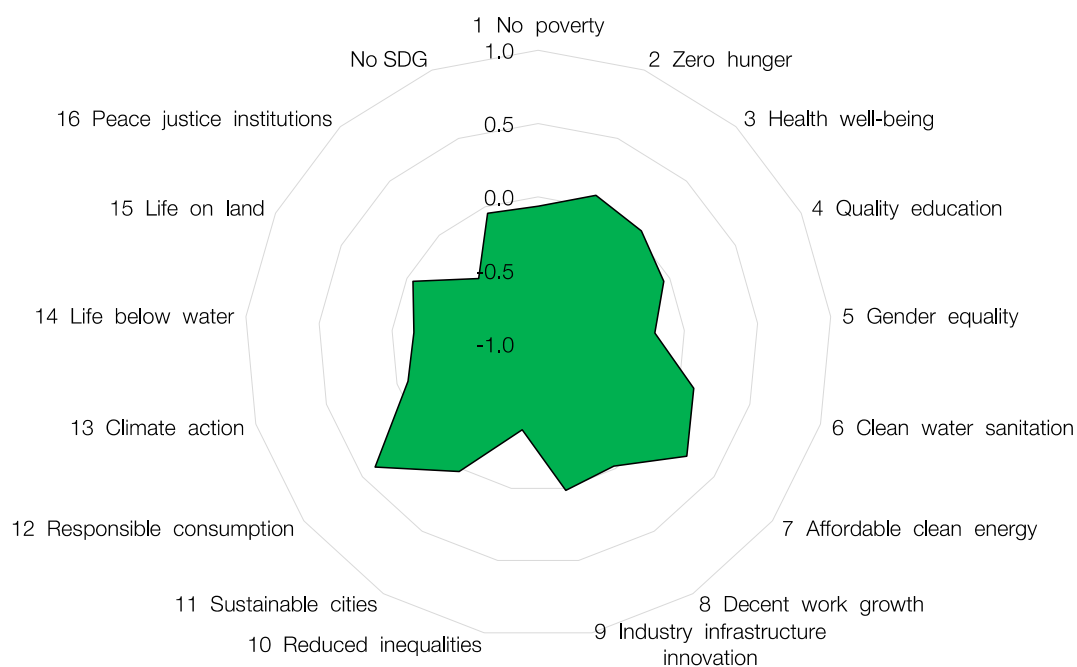
SDGs Research Specialisation in Tanzania - 2015-2019



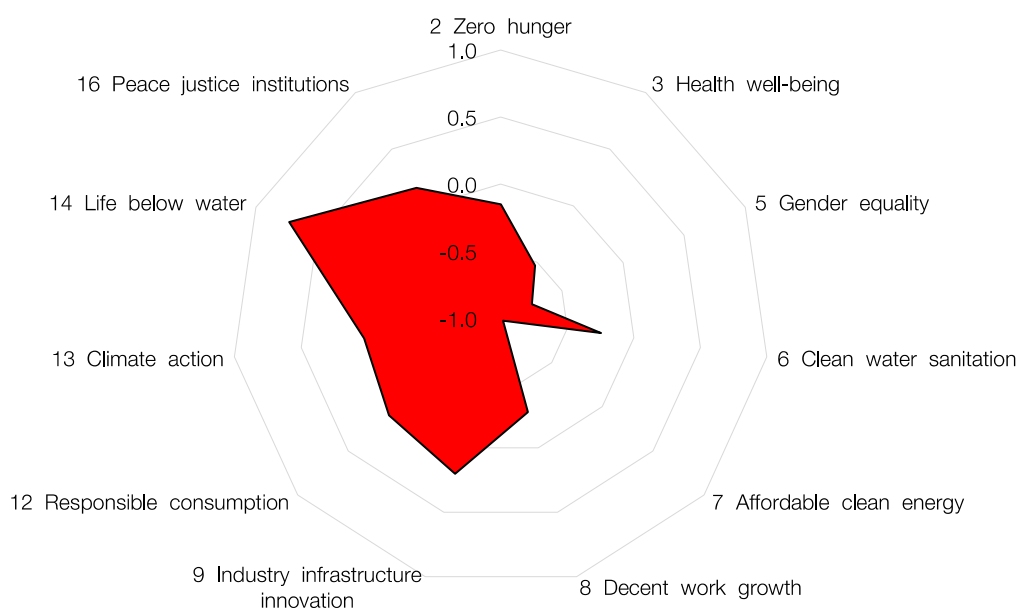
SDGs Score (Challenges) in Thailand - 2008-2017



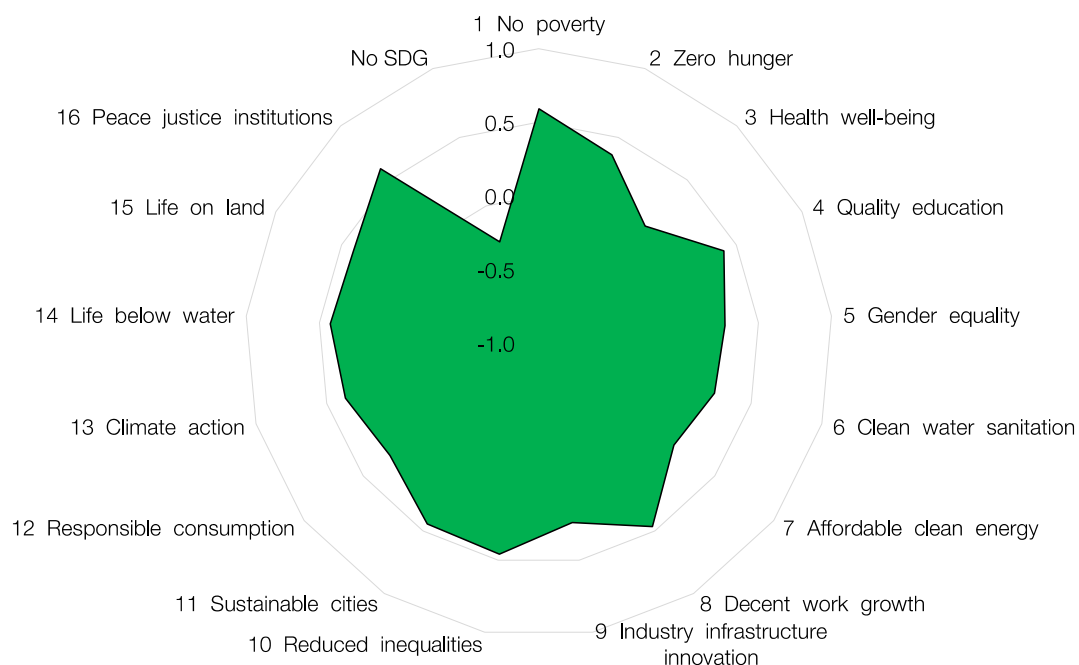
SDGs Research Specialisation in Thailand - 2015-2019



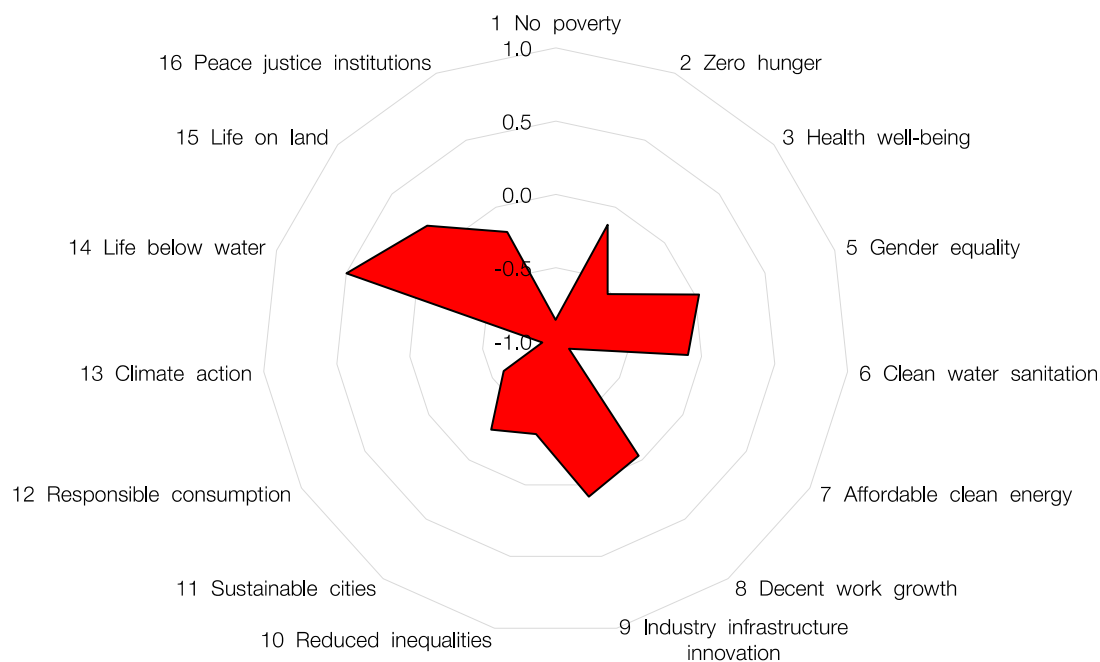
SDGs Score (Challenges) in Trinidad and Tobago - 2008-2017



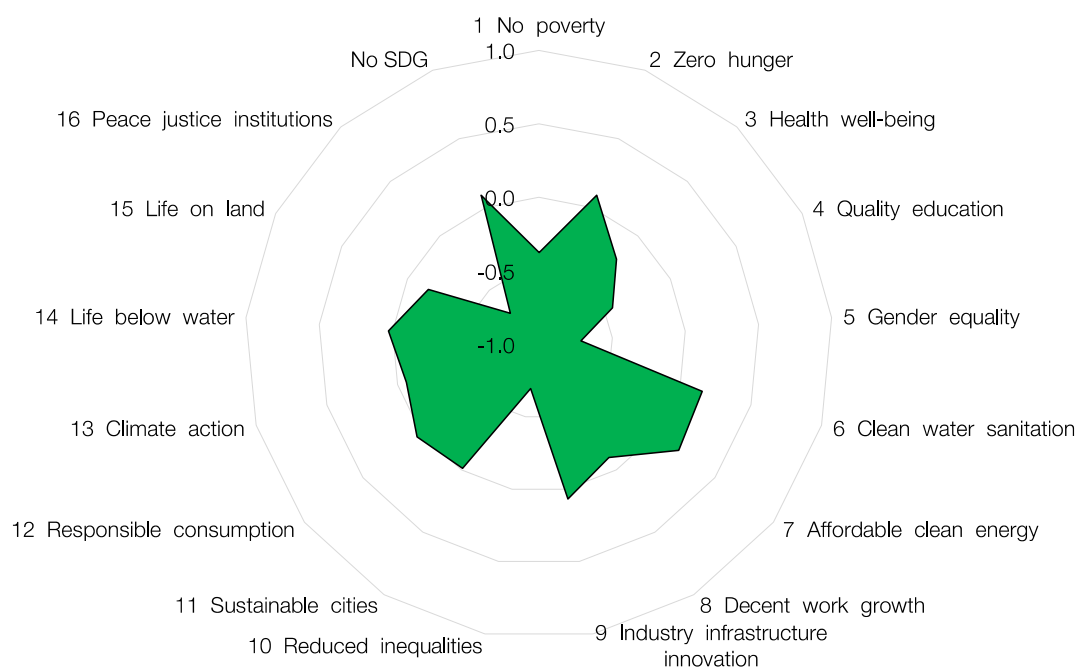
SDGs Research Specialisation in Trinidad and Tobago - 2015-2019



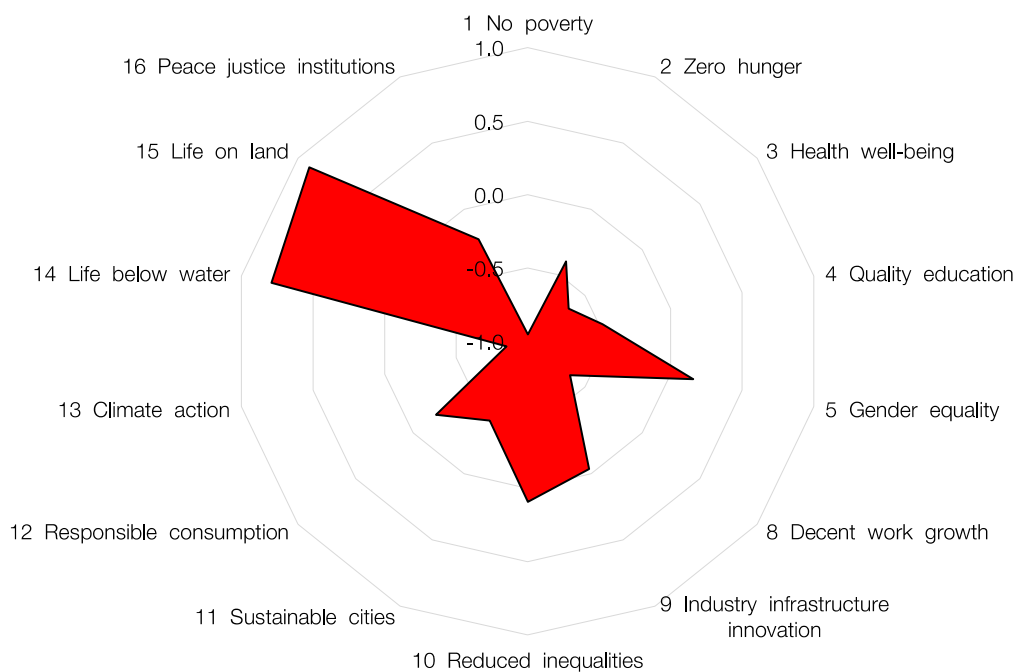
SDGs Score (Challenges) in Tunisia - 2008-2017



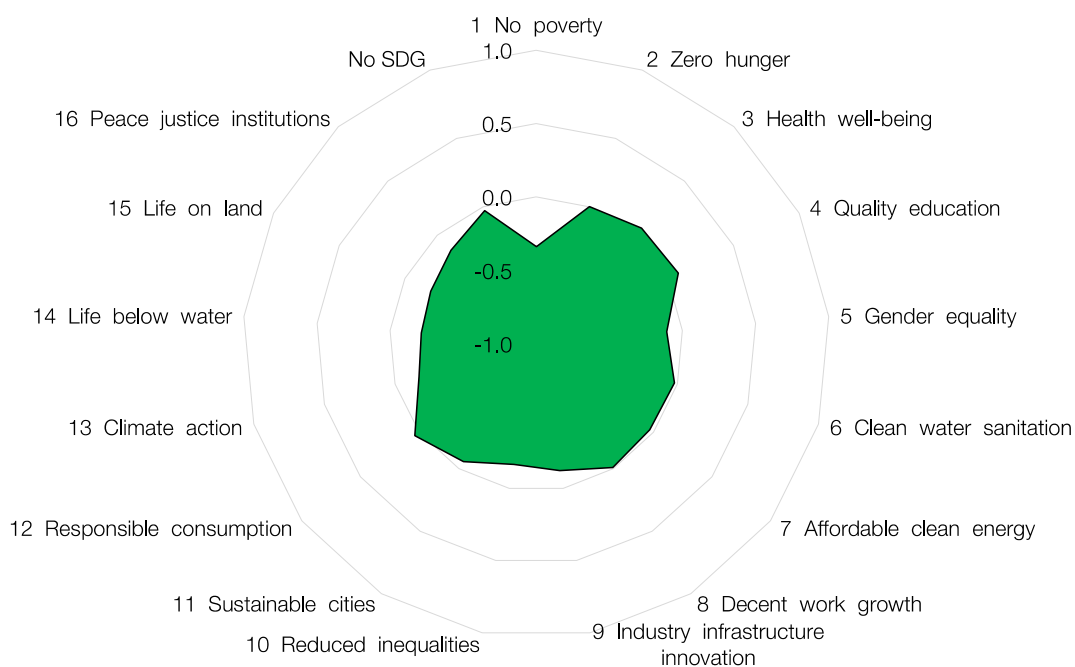
SDGs Research Specialisation in Tunisia - 2015-2019



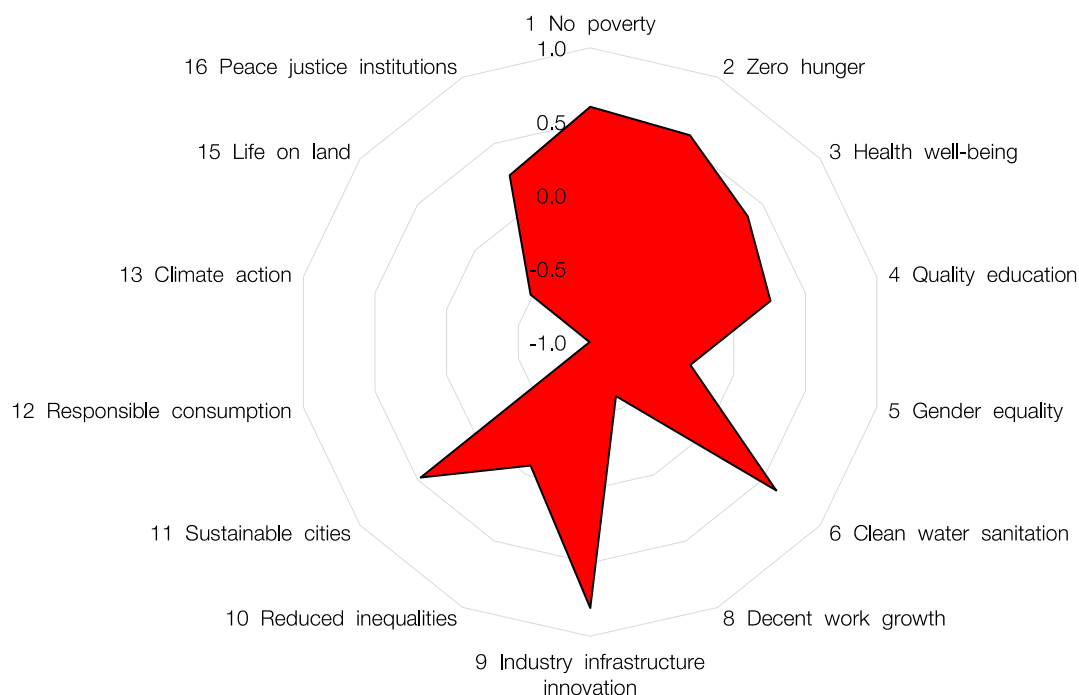
SDGs Score (Challenges) in Turkey - 2008-2017



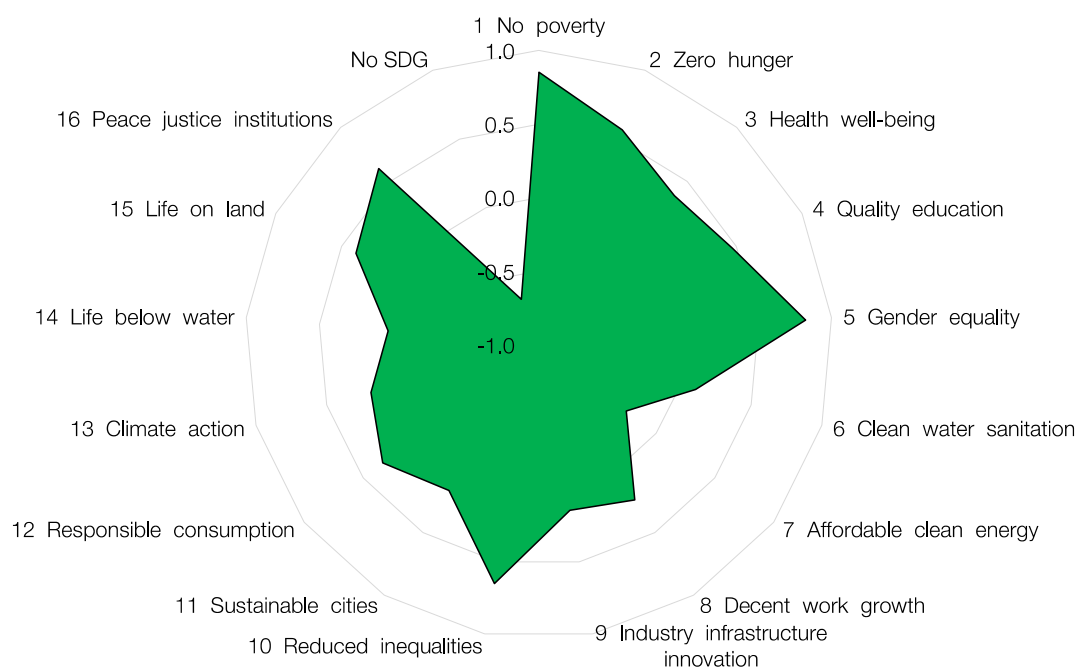
SDGs Research Specialisation in Turkey - 2015-2019



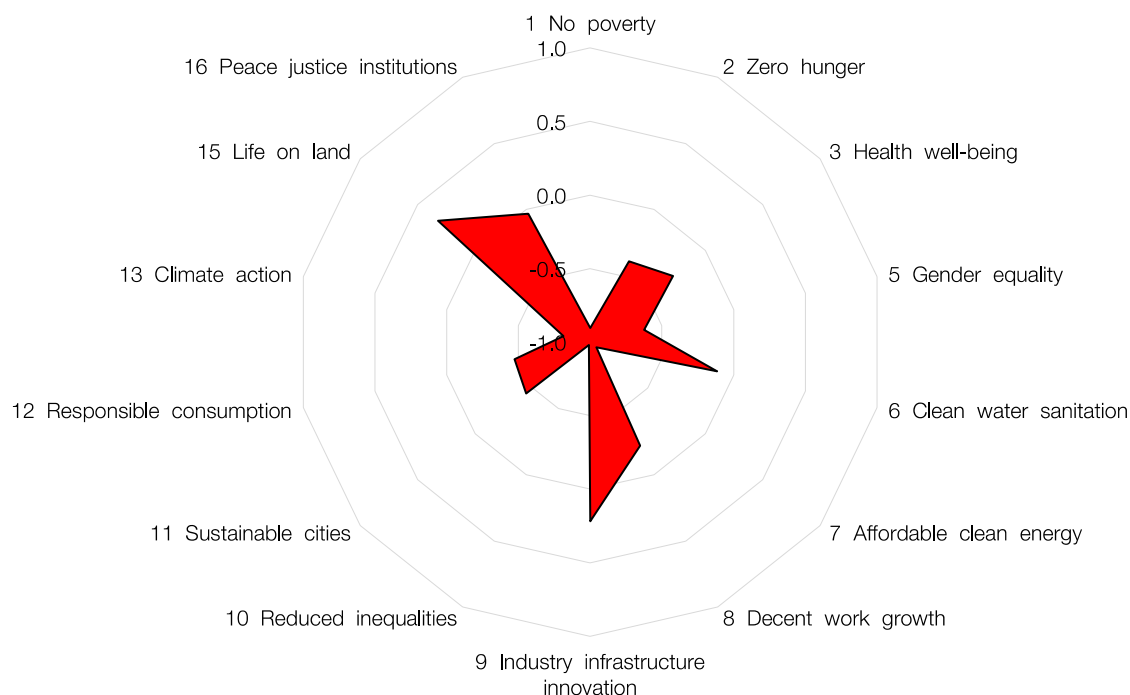
SDGs Score (Challenges) in Uganda - 2008-2017



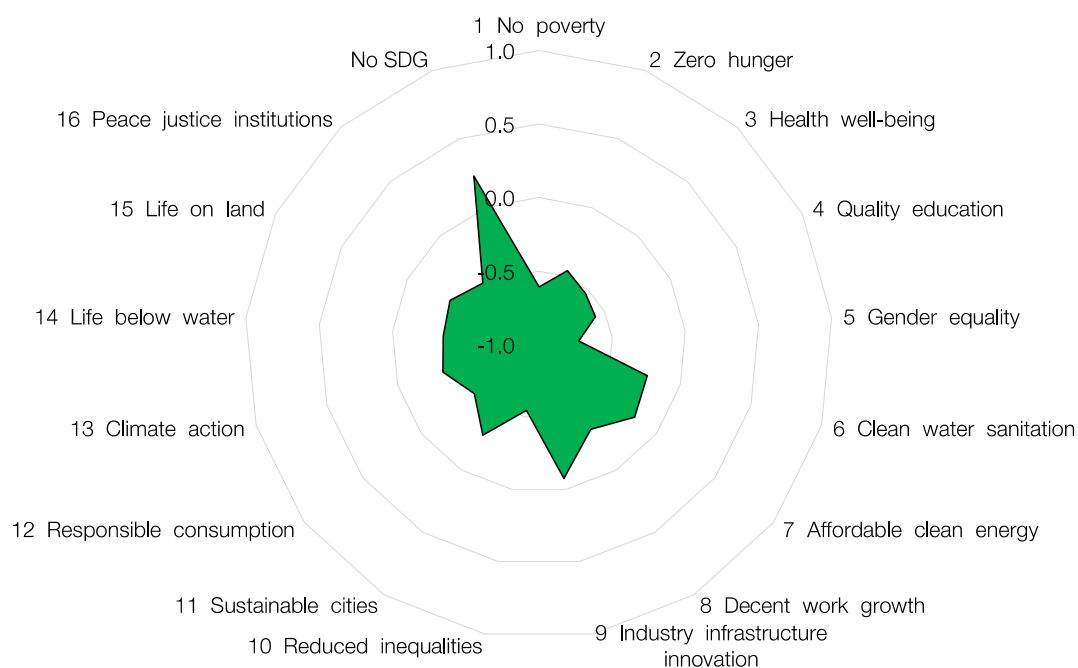
SDGs Research Specialisation in Uganda - 2015-2019



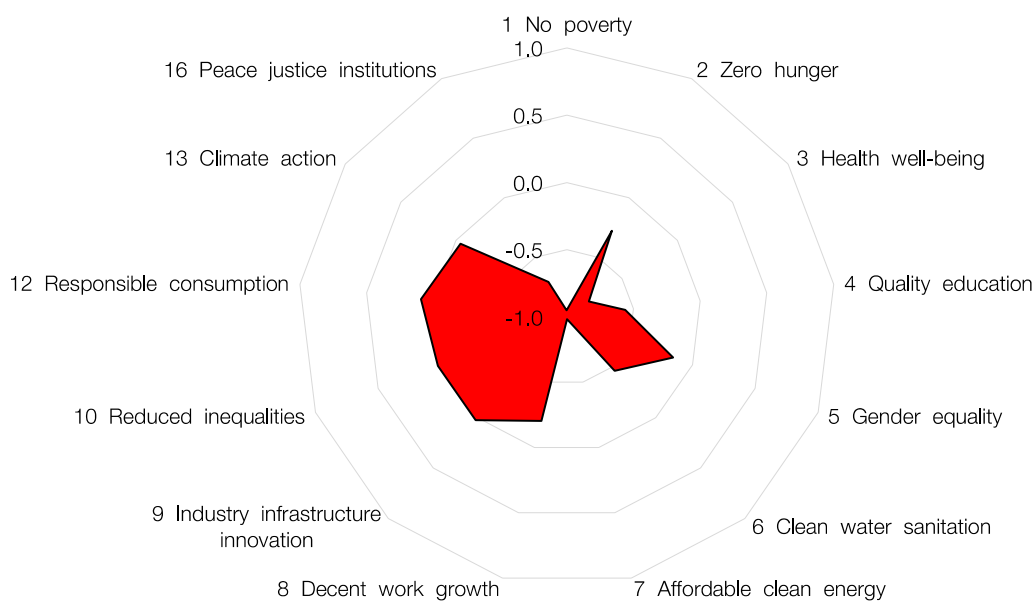
SDGs Score (Challenges) in Ukraine - 2008-2017



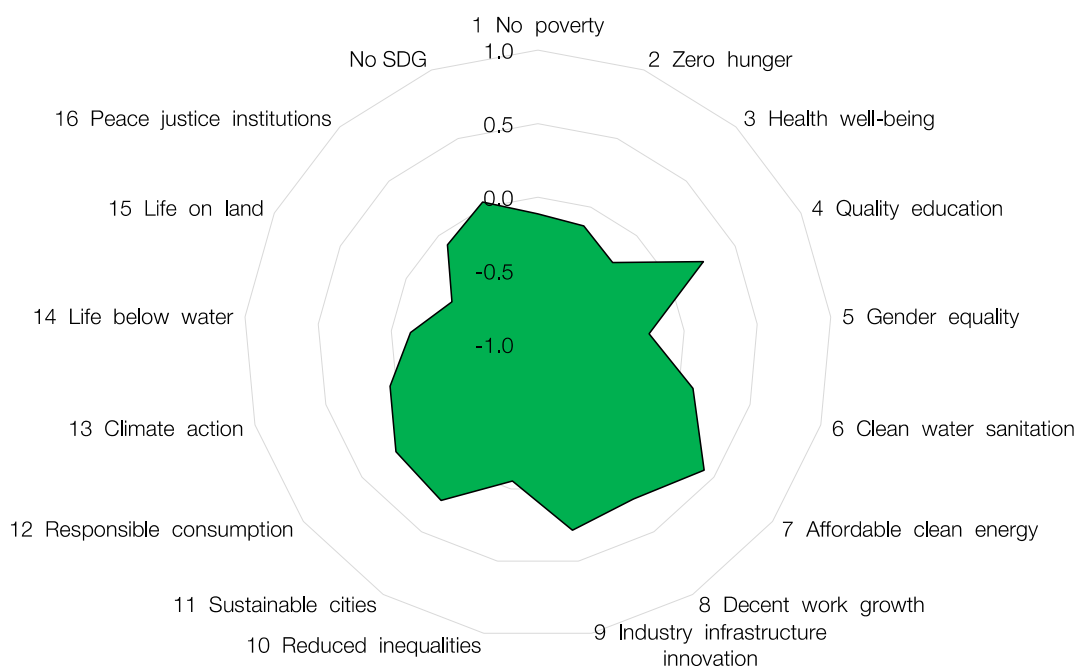
SDGs Research Specialisation in Ukraine - 2015-2019



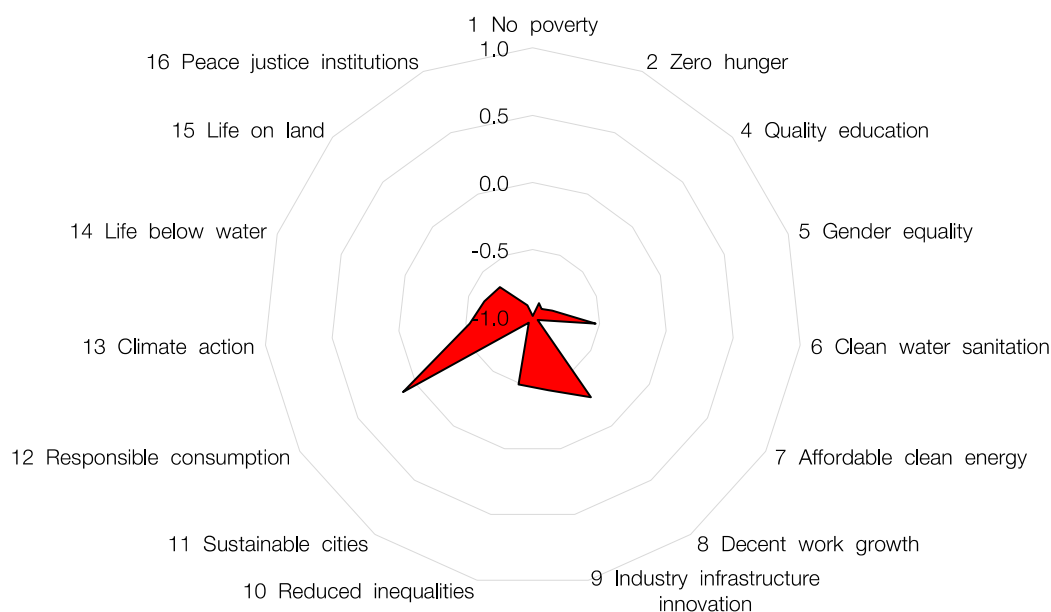
SDGs Score (Challenges) in United Arab Emirates - 2008-2017



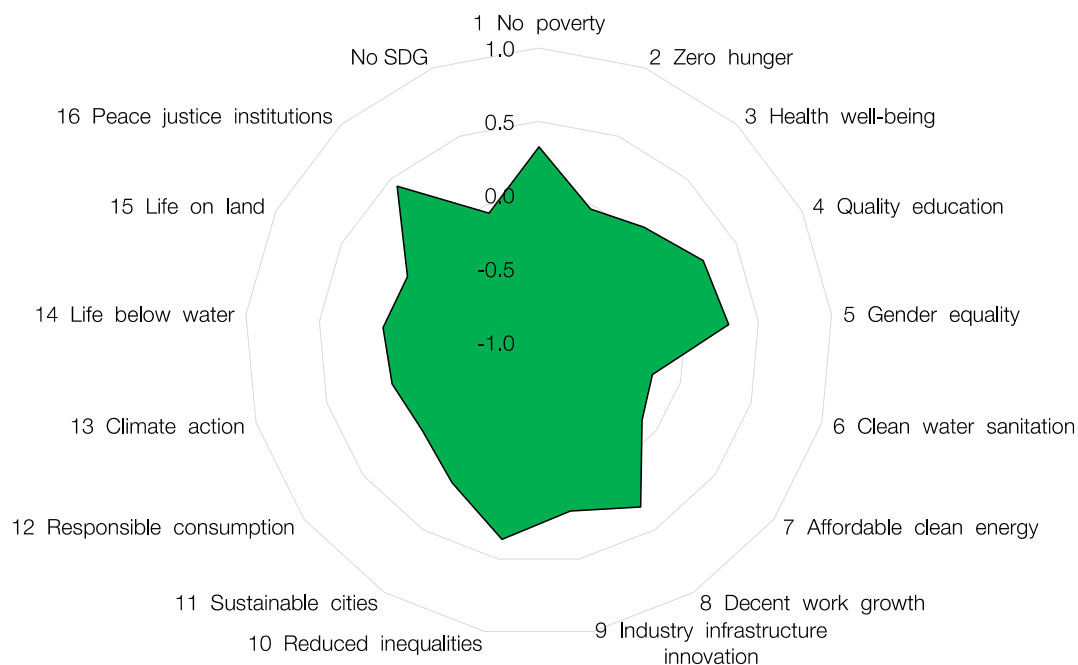
SDGs Research Specialisation in United Arab Emirates - 2015-2019



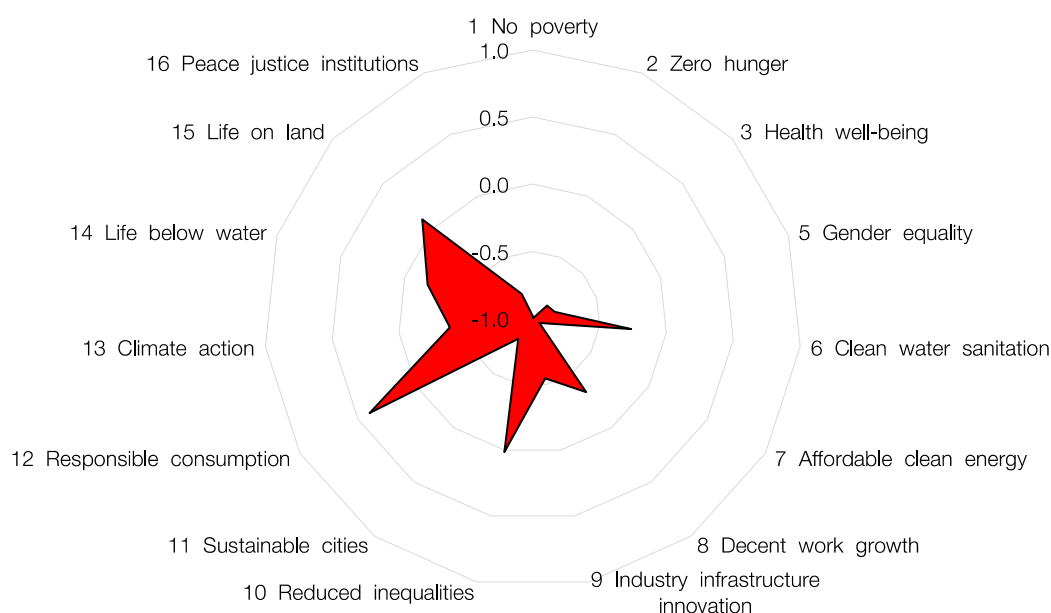
SDGs Score (Challenges) in United Kingdom - 2008-2017



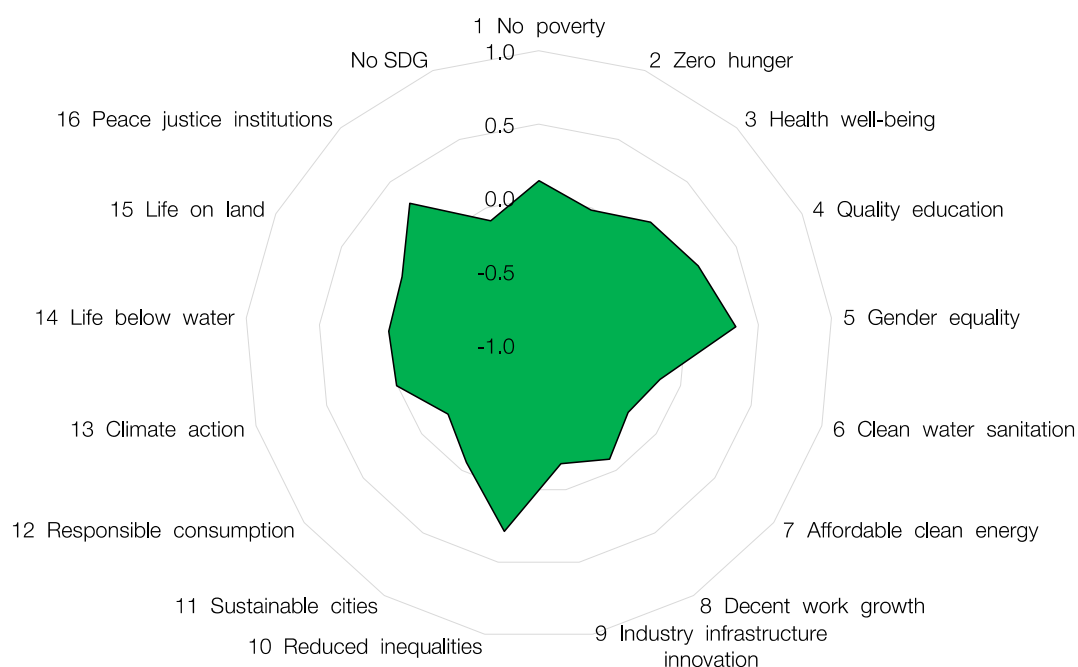
SDGs Research Specialisation in United Kingdom - 2015-2019



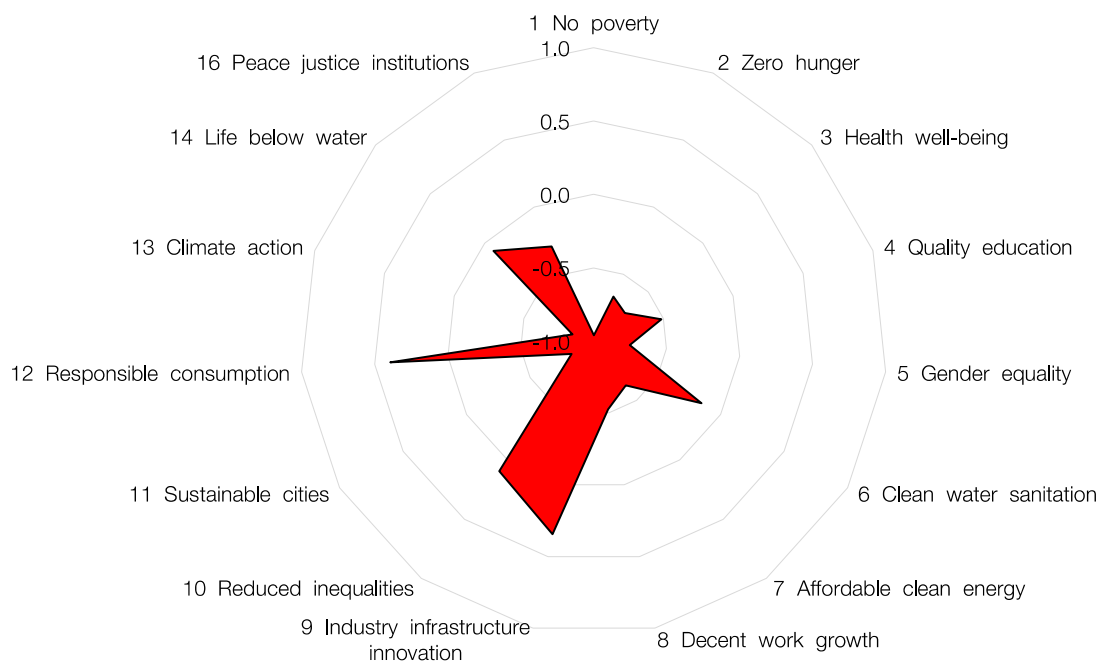
SDGs Score (Challenges) in United States - 2008-2017



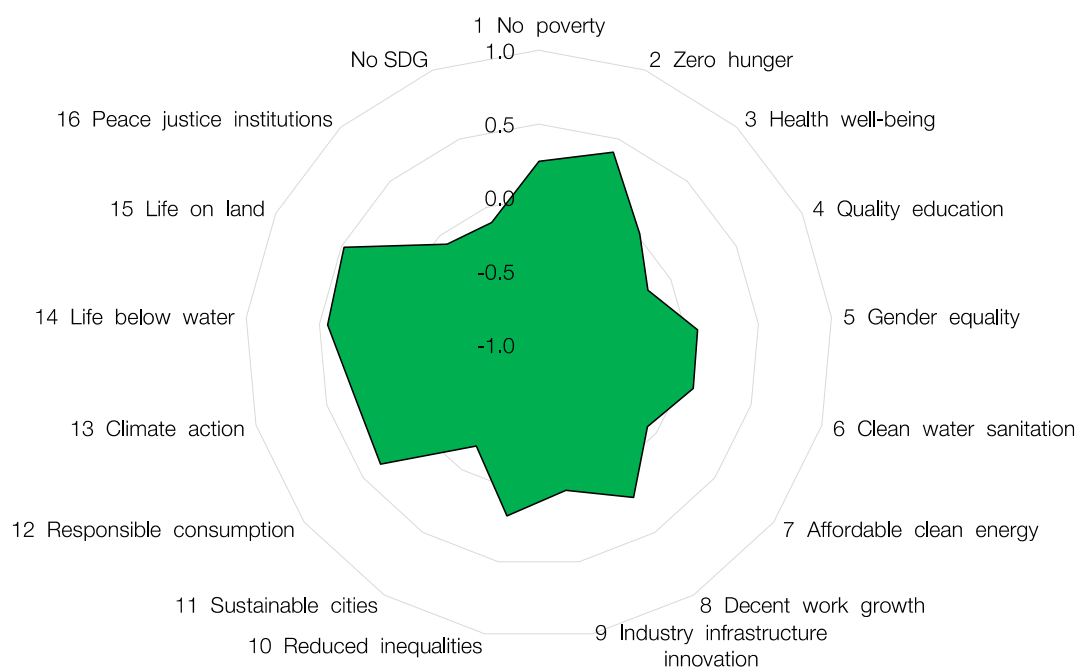
SDGs Research Specialisation in United States - 2015-2019



SDGs Score (Challenges) in Uruguay - 2008-2017



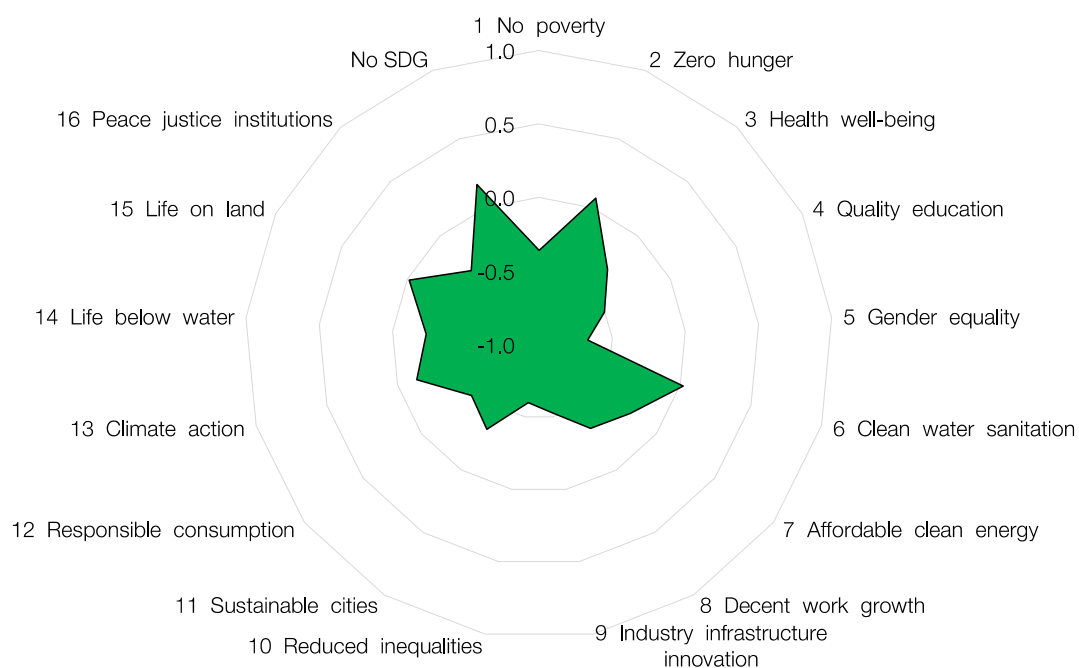
SDGs Research Specialisation in Uruguay - 2015-2019



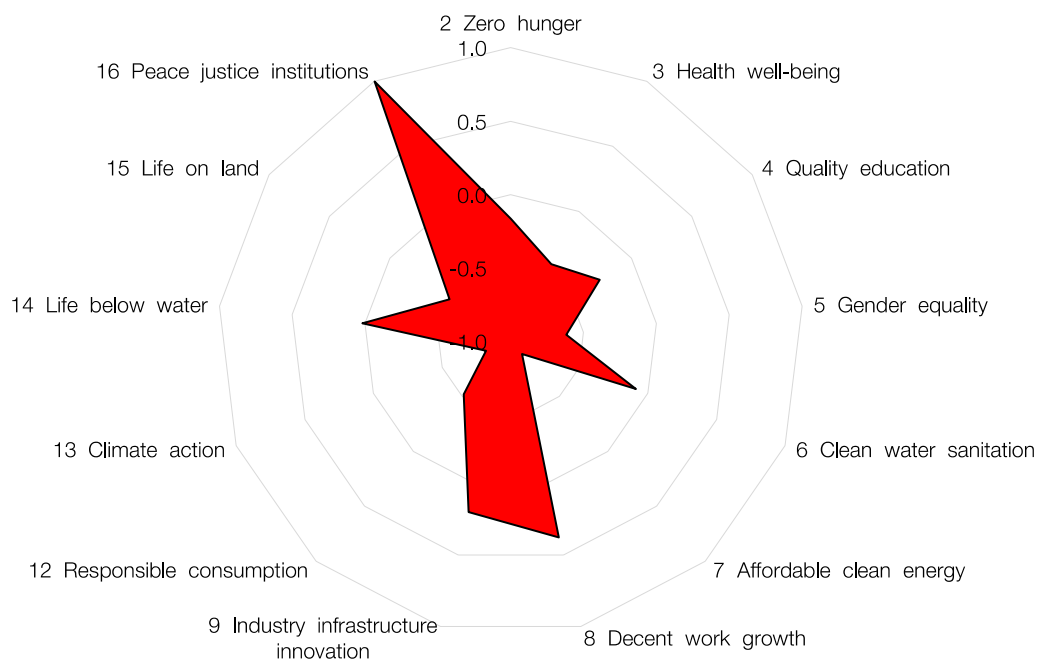
SDGs Score (Challenges) in Uzbekistan - 2008-2017



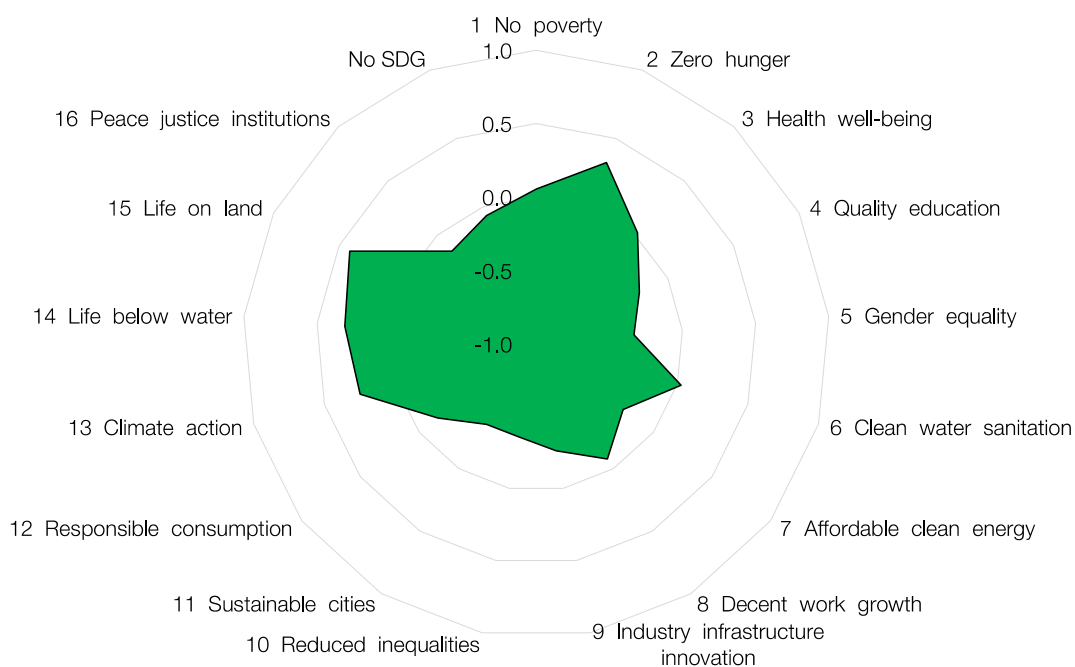
SDGs Research Specialisation in Uzbekistan - 2015-2019



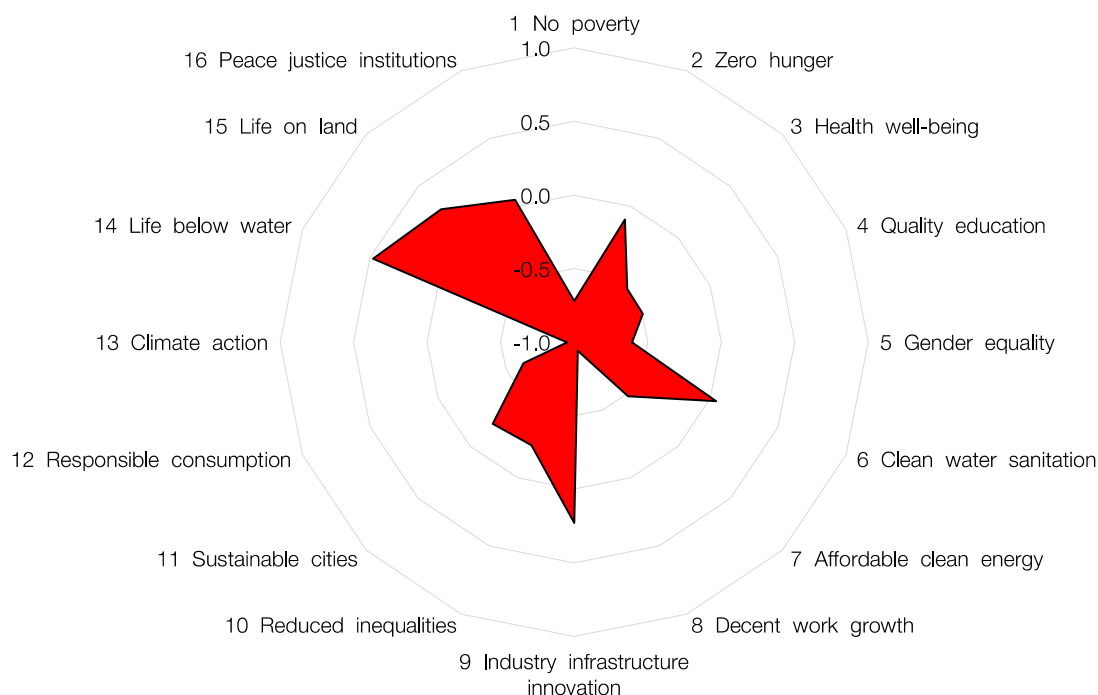
SDGs Score (Challenges) in Venezuela - 2008-2017



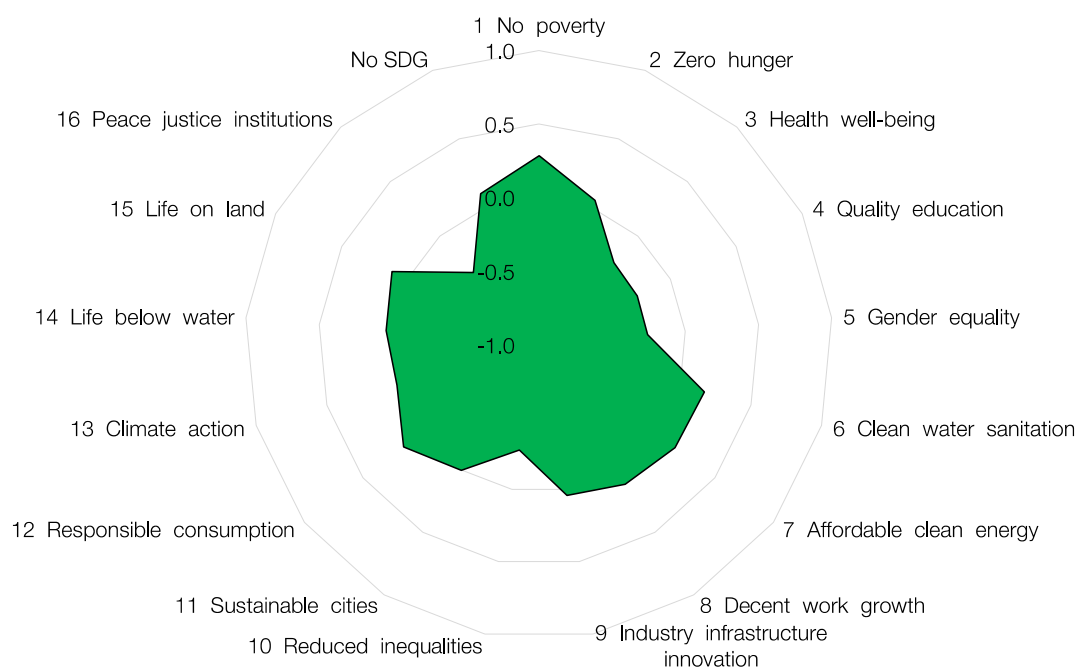
SDGs Research Specialisation in Venezuela - 2015-2019



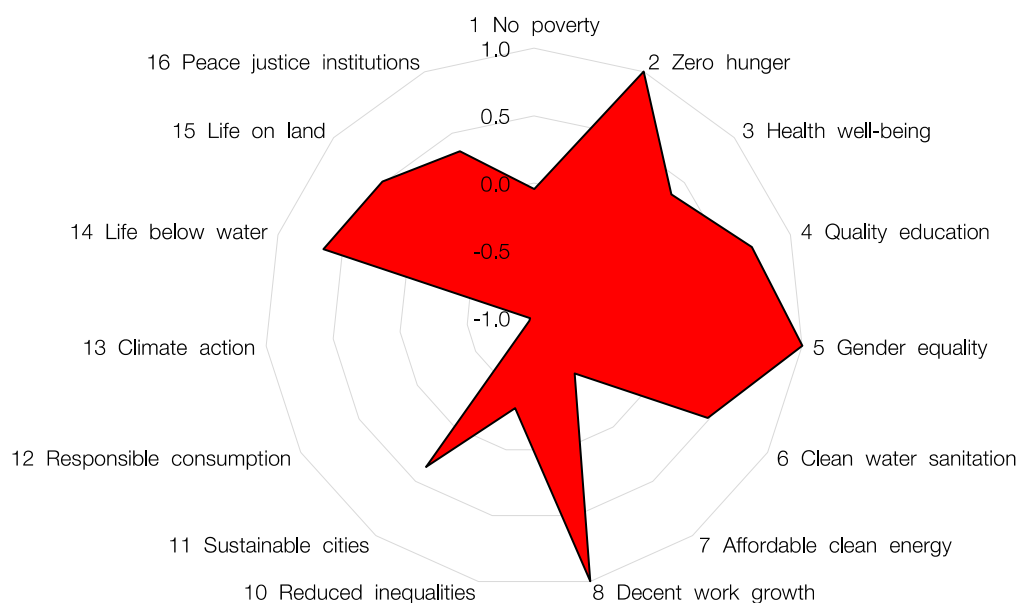
SDGs Score (Challenges) in Vietnam - 2008-2017



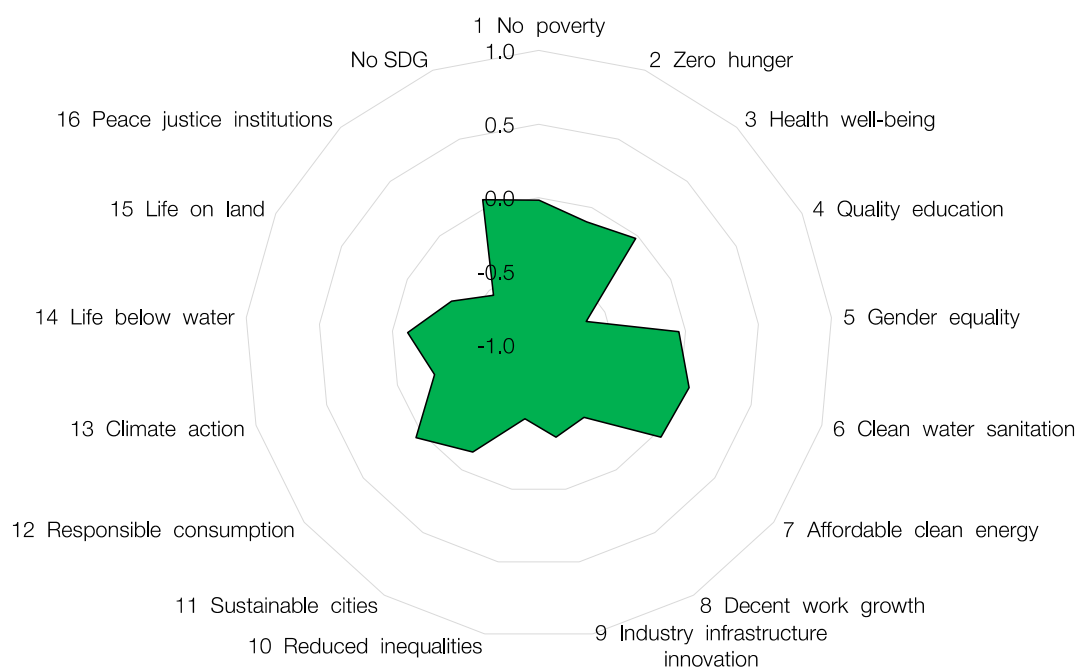
SDGs Research Specialisation in Vietnam - 2015-2019



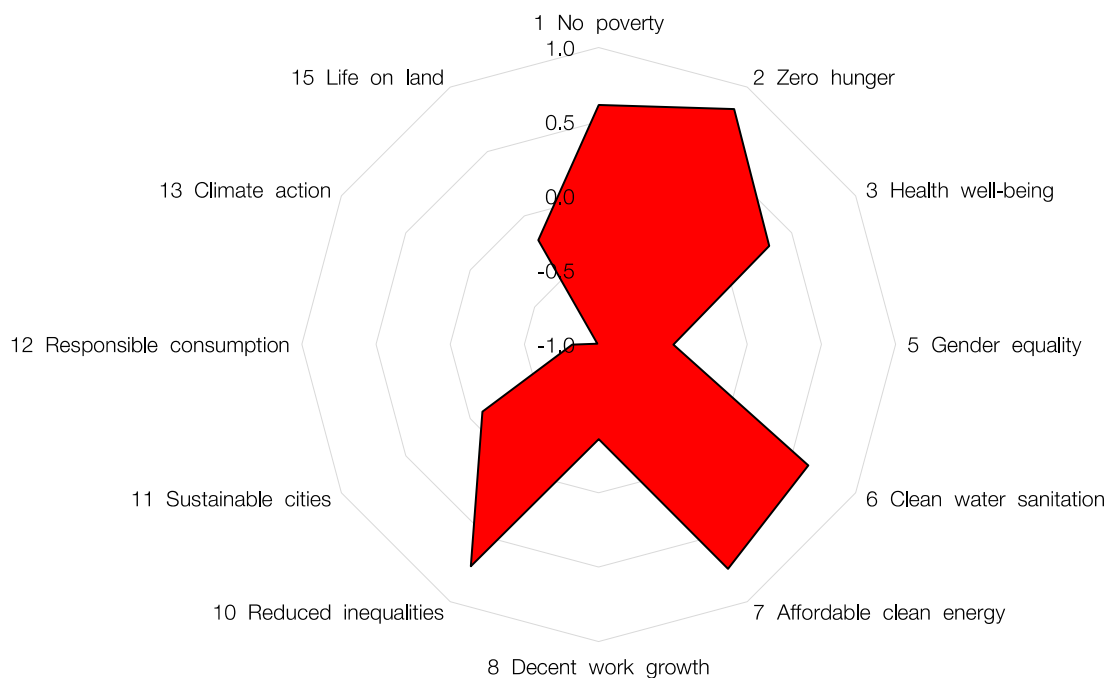
SDGs Score (Challenges) in Yemen, Rep. - 2008-2017



SDGs Research Specialisation in Yemen - 2015-2019



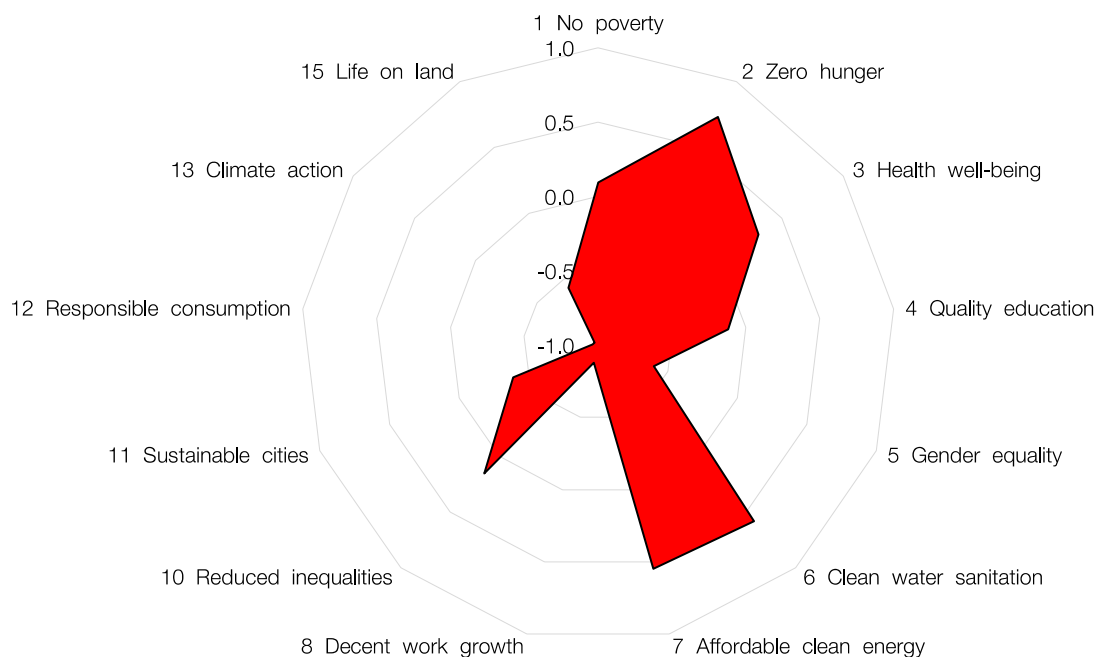
SDGs Score (Challenges) in Zambia - 2008-2017



SDGs Research Specialisation in Zambia - 2015-2019



SDGs Score (Challenges) in Zimbabwe - 2008-2017



SDGs Research Specialisation in Zimbabwe - 2015-2019

