

A Research Agenda for the Energy, Water, Land, and Climate Nexus

Faeth & Hanson (2016)

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For which topic were research priorities identified?

energy, water, land, and climate nexus

In which location was the research priority setting conducted?

North America - USA

Why was it conducted at all?

In an area with as many connections as the energy, water, land, and climate nexus, it can be a challenge to identify the highest priority research opportunities. In collaboration with the U.S. Global Change Research Program (USGCRP), we undertook a research prioritization process.

What was the objective?

to isolate and rank a wide variety of potential research topics

What was the outcome?

a ranking list of 15 research topics

How long did the research prioritization take?

No information provided.

Which methods were used to identify research priorities?

Delphi; workshop

How were the priorities for research identified exactly?

Step 1: Delphi round 1: participants were asked to develop an initial list of 55 potential research topics about the EWLC nexus, over 100 research topics identified. Step 2: Delphi round 2: participants were asked to rate each question as high or low impact and whether there is currently a high or low understanding of the topic. Step 3: workshop: summarizing research topics in order of the number of responses identifying them as high impact and low understanding to low impact and high understanding, online polling to identify top priorities: participants were asked to identify their 15 highest priority topics from the full list

Which stakeholders took part?

Federal agencies that are members of the USGCRP. Delphi: 70 participants. Workshop: 40 participants.

How were stakeholders recruited?

No information provided.

Were stakeholders actively involved or did they just participate?

Stakeholders were mere participants of the research prioritization process; they were not actively involved in the process.