

RRU Climate Network Map

Research/Project area description

Descriptions are meant to provide additional context but are not intended to be exhaustive or exclusive. We understand that there are projects, initiatives and research that may fit under these themes that are not captured by the description.

1. Climate Resilience, Risk Reduction & Adaptation

Focus on anticipating, withstanding, and adapting to climate impacts, with an emphasis on preparedness, resilience, and reducing vulnerabilities.

2. Mitigation, Energy, and Low-Carbon Transitions

Explores system-level strategies and pathways to reduce greenhouse gas emissions across sectors. Low-carbon transitions from fossil fuels also address potential social, economic and environmental impacts, particularly on vulnerable communities.

3. Climate Governance and Policy

Focuses on institutional and policy design, rules, legal frameworks, and processes that enable effective and equitable climate action.

4. Climate Justice, Equity, Diversity & Inclusion

Addresses the social dimensions of climate change, including disproportionate impacts, and supports equitable and inclusive approaches grounded in justice and reconciliation.

5. Health, Well-being & Climate

Research at the intersection of climate and health, including mental and physical health impacts, and strategies to promote well-being in a changing climate.

6. Biodiversity, Land, and Nature-based Solutions

Focuses on ecosystems, land stewardship, conservation, and nature-based approaches to climate mitigation and adaptation.

7. Food, Water & Sustainable Systems

Research on food security, sustainable agriculture, and water systems in the context of climate resilience and environmental sustainability.

8. Transportation, Infrastructure & the Built Environment

Investigates sustainable design, urban planning, and low-carbon transportation to support climate goals and liveable communities.

9. Climate Education, Capacity Building & Leadership

Supports the development of knowledge, skills, and leadership for sustained climate action across sectors and communities.

10. Community Engagement & Collective Action

Centres on participatory and collaborative approaches, social movements, partnerships, and community-led initiatives for advancing climate solutions and local action.

11. Indigenous Knowledge, Perspectives & Climate Action

Focuses on Indigenous worldviews, leadership, governance, knowledge and practices in climate research, stewardship, and innovation.

12. Communication, Media & Culture

Explores how misinformation, storytelling, media, art, design, and communication strategies influence public understanding, behaviour, and cultural change around climate.

13. Climate Finance & Economics

Focuses the financial tools or systems that influence climate action and/or the economic impacts and policy implications related to climate change.

14. Technology & Innovation

Centres on the development and deployment of new technologies, digital tools and social innovations for mitigating climate change and adapting to its impacts.

15. Assessment, Monitoring & Impact

Includes activities, frameworks, methods, and tools to measure, track, and evaluate the effectiveness of climate actions, policies, outcomes and impacts.