

Introduction of the new Steering  
Committee and content of the  
15th ACRP call

# Content

- Introducing the new ACRP Steering Committee
- Background ACRP and role of Steering Committee
- Objectives & scope of the call
- Thematic areas:
  1. Understanding the climate system and consequences of climate change
  2. Specific support for Austria's policymakers
  3. Transformative change

# Members: Marc Zebisch



- GeoEcologist (Univ. Potsdam)
- PhD in natural science (TU-Berlin, PIK-Potsdam)
- Head of Institute for Earth Observation at Eurac Reserach, Bolzano, Italy
- Expertise: climate change impacts and risks in mountains
- Supervising Thematic Area 1 (and partly 2)

ACRP could contribute in my opinion to:

- Knowledge on compound and cascading hazards, impact and risk
- Key risks, spatial hotspots, vulnerable groups and constellations

# Members: Karoline Augenstein



- Political scientist (Univ. Wuppertal, transzent – Center for transformation research & sustainability)
- PhD in economics (Univ. Wuppertal, Wuppertal Institut)
- Expertise: social-science perspectives on transformation, transdisciplinary research approaches
- Supervising Thematic Area 3

ACRP could contribute in my opinion to:

- knowledge on transformation processes from a systemic perspective
- fostering transformation through inter- and transdisciplinary research approaches

# Members: Barbara Amon



- Agricultural scientist (Leibniz Institute for Agricultural Engineering, Potsdam and University of Zielona Góra, Poland)
- PhD and habilitation in agricultural engineering (BOKU)
- Expertise: sustainability in agricultural systems and technologies, including
  - circular food systems
  - integration of sustainable agricultural production systems into concepts of OneHealth
  - nitrogen and greenhouse gas management and fluxes
  - animal welfare, digitisation and precision livestock farming
  - livestock-environment interactions

# Members: Andries Hof



- Environmental economist (Univ. Groningen)
- PhD in Earth and Life Sciences (VU Amsterdam)
- Senior researcher climate change at PBL Netherlands Environmental Assessment Agency, guest researcher Utrecht University
- Expertise: economic aspects of climate change mitigation and adaptation, scenario analysis, energy transition, SDG interactions
- Supervising Thematic Area 2 and 3

ACRP could contribute in my opinion to:

- Knowledge on systemic changes
- Knowledge on important synergies and trade-offs of energy transition

# Background ACRP and role Steering Committee

- ACRP focuses on **climate change impacts** and their **solutions, adaptation, mitigation** and their mutual **interrelation**.
- Intent to provide scientific background for the implementation of the Austrian strategy for adaptation to climate change, the National Energy and Climate Plan (NEKP) and the Paris Agreement in Austria
- Role Steering Committee:
  - Content of the call (thematic area 1, 3)
  - Check reviews of proposals
  - Select proposals to be funded based on reviews
  - Project review

# Overarching objectives (**bold is new**)

At least one of these objectives must be addressed:

- support climate policy in Austria on local, regional, national and international scales, especially as it is relevant to climate adaptation and mitigation, their conflicts and synergies
- to support and strengthen the Austrian climate research community **and increase visibility in research activities**
- to fill knowledge gaps and develop scientific methods and tools

# Scope: target areas

- Energy and land use
- Climate change synergies and trade-offs with other SDGs
- Climate change & tourism
- Agriculture and forestry
- Infrastructure and energy
- Water and drought/flood management
- Climate change & biodiversity
- Climate change & human health
- Relevance of financial and legal sector for climate policy
  
- NOT: Engineering and technical research topics

# Scope: target communities

- Primarily **scientific, administrative** and **policy** communities
- Encourage early interaction with **stakeholders** (e.g. the public, businesses, NGOs and governmental/international policymakers), especially for thematic areas 2 and 3
- **Interdisciplinary** and **transdisciplinary** project proposals, including proposals which cover several thematic areas, are **encouraged**. BUT: **focused disciplinary research**, especially if it is particularly innovative or useful, is **eligible**
- **International participation** is encouraged

# Change in thematic areas

ACRP 14 <sup>th</sup> call	ACRP 15 <sup>th</sup> call
1. Understanding the climate system and consequences of climate change	1. Understanding the climate system and consequences of climate change
2. Specific support for Austria's policymakers	2. Specific support for Austria's policymakers
3. Transformative change and governance	3. Transformative change
4. Climate change in an interconnected world	

# Thematic area 1: Understanding the climate system and consequences of climate change

- ~25% of the budget
- No change compared to ACRP14 (as ACRP14 was already updated to focus more on risk)
- Non-exclusive list of topics:
  - Climate change and the climate system
  - Climate change consequences for ecological and human systems
  - Climate risks related to adaptation and deep transformation
- Output: Scientific publications, presentation of results at international conferences

# Thematic Area 2: Specific support for Austria's policymakers

- ~35% of the budget
- Overlap with thematic area 1, but more driven by policy needs
- Emphasis on:
  - Communicating Climate Change
  - Conflicting targets
  - Major levers in climate change adaptation (new)
  - Making adaptation tangible (new)
  - Energy transition (new)

# Thematic Area 3: Transformative change

- ~40% of the budget
- Merging of Thematic Area 3&4 of ACRP 14, with different focus
- Emphasis on:
  - Understanding the mechanisms of deep-structural transformational change
  - Focus on systems
  - Thinking outside the box, high-risk high-gain proposals encouraged
- Following proposals are called for:
  - **single disciplines** addressing blind spots (e.g. legal or financial aspects)
  - **systemic perspectives**, linking different societal sub-systems or topics
  - **transdisciplinary approach**, different disciplines as well as practice (e.g. action and participatory research, real-world labs and experimental approaches, citizen science)
  - understanding **interlinkages between climate change and SDGs** and addressing compound effects of multiple crises