

Workshop on

“Opening up Earth Observations for Climate Adaptation”

8–12 December 2025

Monday, 8 December 2025		
Objective: Setting the Stage & Earth Observations for Adaptation		
Time	Topic	Chair
14:00-15:15	Plenary Session 1: Introductions and scene-setting	
	• Introduction to ISSI • Convener introductions • Workshop objectives • The My Climate Risk framework • Tour de table: motivations	
15:15-15:45	<i>Coffee Break</i>	
15:45-17:00	• Scene-setting talks (20 min each incl. Q&A) • Plenary Discussion	
18:00	<i>Welcome Reception - Hallerstrasse 6, 1st floor</i>	

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Tuesday, 9 December 2025

Objective: Deep dive into challenges associated with EO; brainstorming for Paper 1

Time	Topic	Chair
9:00 - 10:30	Plenary Session 2: Challenges in EO usability Panel Discussion (with opening 5 min remarks)	
	- Impacts of data scarcity - Calibration/validation gaps in data-poor regions - Data consistency and epistemic injustice - Identification and communication of uncertainties - Utilization of different risk attitudes and preferences in adaptation	
10:30 – 11:00	Coffee Break	
11:00 - 11:30	Paper brainstorming/guidance in Plenary - Paper 1 objective - Introduction: EO's adaptation relevance Core sections: CIDs, storylines, case studies	
11:30 – 1:00	Breakout Groups on the content of Paper 1	
1:00 -2:30	Lunch	
2:30 -3:45	Plenary: Breakout group presentations, and discussion	
3:45 – 4:15	Break	
4:15 -5:30	Plenary: Case study presentations (15 min each incl. Q&A) on use of EO in the context of: - Drought adaptation - Coastal vulnerability - Ice-loss narratives - Heat extremes/rainfall extremes - Plenary Discussion	

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Wednesday, 10 December 2025		
Objective: Philosophical framing of EO challenges; brainstorming for Paper 2		
Time	Topic	Chair
9:00 - 10:30	Plenary Session 3: Philosophy & EO intersections Panel Discussion (with opening 5 min remarks)	
11:15-11:45	• Calibration gaps as epistemic injustice • Storylines and hermeneutic injustice • Beyond data access: Open Science limitations Discussion questions: • How do case studies illustrate Fricker/Lionelli frameworks? • What philosophical tools resolve issues highlighted in paper 1 obstacles?	
10:30 – 11:00	Break	
11:00 - 11:30	Paper brainstorming/guidance in Plenary • Paper 2 objective • Introduction: Epistemic gaps in EO Core sections: Justice-driven solutions (e.g., co-production, calibration equity)	
11:30 - 1:00	Breakout Groups on the content of Paper 2	
1:00 - 2:30	Lunch	
2:30 - 3:45	Plenary: Breakout presentations, and discussion	
3:45 – 4:15	Break	
4:15 - 5:00	Plenary Session 4: Epistemic injustice • Scene-setting talks (20 min each incl. Q&A) • Plenary Discussion Discussion questions: • Credibility deficits and Bias in local EO testimony (e.g., Indigenous knowledge vs formal structure). • Normative frameworks for "interpretive resources" (Fricker, Leonelli). • Context and intersectionality (local, regional global + intersecting vulnerabilities) • Co-production of knowledge SDG-aligned calibration equity, IPCC pathways aligned to policy choices (WGIII centred) • Alignment of epistemic and social justice	
19:00 (tbc)	Workshop Dinner (organised by ISSI)	

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Thursday, 11 December 2025

Objective: Working out detailed outlines for the two papers

Time	Topic	Chair
9:00 - 9:30	Plenary: Recap	
9:30 – 11:00	Breakout Groups: Paper 1 Writing Groups develop assigned sections: • Group A: EO ↔ CID linkages. • Group B: Storyline methodologies. • Group C: Case study integration. • Group D: ... • Group E: ...	
11:00 - 11:30	Break	
11:30 – 12:45	Plenary: Breakout group presentations	
12:45 - 2:15	Lunch	
2:15 - 3:45	Breakout Groups: Paper 2 Writing Groups develop assigned sections: • Group A: ... • Group B: ... • Group C: ... • Group D: ... • Group E: ...	
3:45 – 4:15	Break	
4:15 - 5:30	Plenary: Breakout group presentations	

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Friday, 12 December 2025 Objective: Synthesis of Papers 1 and 2		
Time	Topic	Chair
9:00 - 10:30	Plenary: Bridge the two papers Discussion: - Clarifying the handoff point between the two papers (what is and is not included in each paper) - Go over challenges again...What are we missing? - Solidify list of challenges/gaps for Paper 1 Solidify “topics or tools” to be discussed in Paper 2	
10:30 – 11:00	Coffee Break	
11:00 – 1:00	Breakout Groups: Paper writing Paper 1 Writing ... Paper 2 Writing - Introduction: Epistemic gaps in EO. - Core: Outline the desired “toolbox” - Justice-driven solutions (e.g., co-production, calibration equity). - Policy pathways: SDGs, IPCC <i>Potentially...</i> Suggesting new frameworks/methodologies that are consistent with previous guidelines	
1:00 - 2:30	Lunch	
2:30 – 4:00	Final Plenary: Closing remarks and next steps - Wrap-up what has been done during the week - Assigning outstanding tasks - Set deadlines	
End of Workshop		

Last update: 16 October 2025