AMPAC Summer School

	09/09/2024	10/09/2024	11/09/2024	12/09/2024	13/09/2024	14/09/2024	15/09/2024
TIME							
8:45-9:30	Safety Training	Welcome/Introduction (Dirk Schuettemeyer, ESA)	Remote sensing for Methane/ CO2 (AMPAC Team)	NOT CONFIRMED:Theo ries of remote sensing (Lena)	Field Trip Safety Training	Socio- Political intrests in Arctic Science	Departure
9:30-10:15	Safety Training	AMPAC and ESA/NASA Introduction (Chip Miller, NASA	Svalbard methane release (Andy Hodson)	Process understanding and modelling	Field Trip		
10:15-10:30	Break	Break	Break	Break	Break	Break	
10:30-11:15	Safety Training	Intro to permafrost dynamics (Chip Miller, Hanne Christiansen)	Ground-based (proximal sensing & insitu) measurements	Science Communication (Kimberley Miner)	Field Trip	AI/ML for Earth Science (Brad Gay)	
11:15-12:00	Safety Training	Intro to glaciers and ice sheets (Kimberley Miner, Andy Hodson)	Field Trip Safety Training	Science Communication Practicum	Field Trip	Disturbance Dynamics	
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13:00-14:00	Guided Tour	Remote sensing for polar environments (AMPAC Team)	Field Trip		Field Trip	Next steps for Arctic science	
14:00-15:00	Introduction to UNIS and SOIS in Svalbard	Intro to remote sensing of the surface with a focus on permafrost (AMPAC Team)	Field Trip		Field Trip	Next steps for Arctic science	
15:00-15:30	Break	Break	Break	Break	Break	Break	
15:30-17:30	Ice Breaker	Free Time	Field Trip	Poster Session	Field Trip	Wrap up, feedback collection	
17:30	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	Dinner and Free Time	