

Table 1. UBC Atmospheric Science (ATSC) Core Faculty - July 2024

Professor	Dept / Fac*	Field																							Other																					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22																						
			Climate Change, Models		Global Circul. (Atm, Ocn)		Synoptics		Mesoscale, Thunderstorms		Extremes: storms floods fires		Mountain Met. - Ocean Terrain		Turbulence/PBL/ Micro-met.		Urban Meteorology		Air Pollution		Atm. Chemistry		Bio-geochemistry		Radiation		Cloud Physics		Thermodynamics		Geophysical Fluid Dyn.		Physical Oceanography		Numerical Models		Atmos. Informatics		NWP / LES		Remote Sensing		In-situ Sensors		Lab Simulations	
1	Susan Allen	EOAS / Sci	ocean dyn.				X	X	X																		X	X	X	X												X	ocean biol./ chem.			
2	Phil Austin	EOAS / Sci	cloud phys.	X							X						X	X	X												X															
3	Neil Balmforth	Math / Sci	appl. math, fluid dyn.																								X																		math, astroph	
4	Allan Bertram	Chem / Sci	chem., aerosols	X									X	X				X																							X	X				
5	Andy Black	Soil Sci./Ag	bio/micromet	X							X			X		X	X																									X	plants			
6	Nadine Borduas-Dedekind	Chem / Sci	chem., aerosols											X	X	X		X																										indoor air chem. & photochem.		
7	Ilsa Cooke	Chem / Sci	astrochem.											X		X																							X		X	astrochem.				
8	Simon Donner	Geog / Arts	climate change	X	X												X												X														policy			
9	Amanda Giang	MECH /Engr IRES / Sci	air pollution	X										X	X	X															X	X											environ. policy, mercury, POPs			
10	Tianjia (Tina) Liu	Geog / Arts	air pollution / remote sensing	X				X						X	X																									X			phys. geog.			
11	Anais Orsi	EOAS / Sci	polar climate	X	X				X	X						X										X																X	paleoclimate			
12	Richard Pawlowicz	EOAS / Sci	phys. ocean.						X	X																X	X															X	seawater properties			
13	Valentina Radic	EOAS / Sci	glaciology	X		X			X	X																			X	X													X	glaciers		
14	Roland Stull	EOAS / Sci	NWP/bound. layer				X	X	X	X					X											X		X			X	X											X	clean energy wind,solar,hydro		
15	Stephanie Waterman	EOAS / Sci	phys. ocean.	X	X		X			X																X	X																X	idealized process modeling		
16	Rachel White	EOAS / Sci	clim. modeling	X	X			X																		X	X	X															X			
17	Naomi Zimmerman	MECH /Engr	clim. & air poll.	X										X	X																												X			

*Faculties: Ag = Faculty of Land and Food Systems

Engr. = Faculty of Applied Science