

**Table 1. UBC Atmospheric Science (ATSC) Core Faculty - Oct 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		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			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	Marysa Laguë	Geog / Arts	land-atm. interact., clim. dynamics	X	X					X				X	X	X	X		X						paleoclimate, land-atm. coupling, idealized modelling
11	Tianjia (Tina) Liu	Geog / Arts	air pollution / remote sensing	X				X			X	X									X				phys. geog.
12	Anais Orsi	EOAS / Sci	polar climate	X	X				X	X			X			X							X		paleoclimate
13	Richard Pawlowicz	EOAS / Sci	phys. ocean.						X	X						X	X						X		seawater properties
14	Valentina Radic	EOAS / Sci	glaciology	X		X			X	X									X	X			X		glaciers
15	Roland Stull	EOAS / Sci	NWP/bound. layer				X	X	X	X		X				X		X		X	X	X	X		clean energy wind,solar,hydro
16	Stephanie Waterman	EOAS / Sci	phys. ocean.	X	X		X			X						X	X						X		idealized process modeling
17	Rachel White	EOAS / Sci	clim. modeling	X	X			X								X	X	X					X		
18	Naomi Zimmerman	MECH /Engr	clim. & air poll.	X							X	X							X			X			

\*Faculties: Ag = Faculty of Land and Food Systems  
Engr. = Faculty of Applied Science