

SPATIAL Isotopes in Biogeochemistry & Ecology Course, June 10th-22rd 2018

DATE	MORNING	LUNCH	AFTERNOON	EVENING
Sun 10 th	Flight arrivals		Welcome dinner @ Bowen residence. Guests settle into rooms/check in. Shuttles leave from Springhill Suites @ 6:00 PM	
	<i>Lecture 8:30 AM – noon in FASB 295 Mid-morning break 10:00 – 10:30 in FASB Foyer</i>		<i>Afternoon Labs 1:00 – 6:00 PM FASB 206 Ongoing breaks in FASB 303</i>	<i>Evening Lectures in FASB 295 or ASB 210</i>
Mon 11 th	Lecture 1: Scaling up isotope applications (Bowen) Lecture 2: Spatial data and spatial data analysis (Brewer)		Afternoon Lab: ArcGIS crash course/project planning (Bowen)	Open Evening
Tue 12 th	Lectures 1&2: Water in the atmosphere: First principles to dynamical models (Noone)		Field Day (1:00 – 6:00 PM) Sack Lunch Provided	Catered Dinner (7:00 PM)
Wed 13 th	Lectures 1&2: Water in catchments, Geostatistics (Bowen)		Afternoon Lab: Run samples, Wasatch hydrology projects (Kriging)	Open Evening
Th 14 th	Lectures 1&2: C and N in aquatic systems (Barnes) *Tshirt DAY!		Afternoon Lab: Wasatch hydrology projects (Runoff Model)	Catered dinner @ 6:00 PM Evening Lecture: Data Management (Khider) – in FASB 295
Fri 15 th	Lectures 1&2: Animal Migration (Wunder)		Afternoon Lab: Wasatch Hydrology Projects	Open Evening
Sat 16 th	Lecture 1: Strontium (Bataille) *lecture begins 9:30 AM. *Donut Day!		Complete Data Analyses and Project Write-ups	Late-afternoon Presentations Group dinner at Rodizio, 7:00 with IsoCamp
Sun 17 th	<i>A Day in the Wasatch Mountains!</i>		Mountain Cook Out Little Cottonwood Canyon, 2:00 PM	
Mon 18 th	Lecture 1: Marine Isoscapes (Trueman) Lecture 2: Marine Isoscapes (McMahon)		Afternoon Lab: Spatial Data Analysis in R (Brewer); Week 2 project design	Catered dinner @ 6:00 PM Evening Lecture: Marine Mammals (Koch)
Tue 19 th	Lectures 1&2: Plant water and N (West)		Afternoon Lab: Week 2 projects (Geographic Assignment)	Open Evening
Wed 20 th	Lectures 1&2: Plant C (Still)		Afternoon Lab: Week 2 projects	Catered dinner @ 5:15 PM Evening Workshop: Science Communication (Wedemeyer-Strombel)
Th 21 st	Lecture 1: Remote sensing & isoscapes (Powell) Lecture 2: Leveraging sampling networks (Kendall)		Afternoon Lab: Week 2 projects	Open Evening
Fri 22 rd	Lecture 1: Food (Chesson) Lecture 2: Forensics (Ehleringer)	Complete and Present Week 2 Projects	Afternoon Presentations followed by Graduation Dinner @ the JCC 7:00	

Course Instructors

Name	Affiliation	URL	email
Rebecca Barnes	Colorado College	http://sites.coloradocollege.edu/rebeccabarnes/	becca.barnes@coloradocollege.edu
Clement Bataille	U. of Ottawa	https://clementbataille.wixsite.com/earthscience	cbataill@uottawa.ca
Gabriel Bowen	U. of Utah	http://wateriso.utah.edu/spatial/	gabe.bowen@utah.edu
Simon Brewer	U. of Utah	http://bit.ly/11T0GGw	simon.brewer@geog.utah.edu
Lesley Chesson	DPAA Hawaii	www.pae.com	lesley.chesson@pae.com
James Ehleringer	U. of Utah	http://ecophys.utah.edu/	Jim.ehleringer@utah.edu
Paul Koch	UC Santa Cruz	https://websites.pmc.ucsc.edu/~pkoch/	plkoch@ucsc.edu
Carol Kendall	USGS	https://profile.usgs.gov/ckendall	ckendall@usgs.gov
Deborah Khider	U. of South. Calif.	http://earth.usc.edu/~khider/	khider@usc.edu
Kelton McMahon	U. of Rhode Island	www.keltonmcmahon.com	Kelton_mcmahon@uri.edu
David Noone	Oregon State U.	http://ceoas.oregonstate.edu/profile/noone/	dcn@coas.oregonstate.edu
Rebecca Powell	U. of Denver	http://www.du.edu/nsm/departments/geography/facultyandstaff/powell_rebecca.html	rebecca.l.powell@du.edu
Chris Still	Oregon State U.	http://bit.ly/10qniww	chris.still@oregonstate.edu
Clive Trueman	U. of Southampton	http://bit.ly/10qkQq6	trueman@noc.soton.ac.uk
Kathryn Wedemeyer-Strombel	U. Texas El Paso	https://katiewedemeyer.wordpress.com/	krwedemeyer@gmail.com
Jason West	Texas A&M U.	https://sites.google.com/site/westlabgroup/	jbwest@tamu.edu
Mike Wunder	U. of Colorado, Denver	https://clas.ucdenver.edu/directory/faculty-staff/mike-wunder	michael.wunder@ucdenver.edu