

### **Biographical Sketch - Michael Durand**

Associate Professor, School of Earth Sciences, and  
Byrd Polar and Climate Research Center

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#### **Professional Preparation**

Univ. of CA –LA, Los Angeles CA	Civil & Env. Engineering	M.Sc., 2005
Univ. of CA –LA, Los Angeles CA	Civil & Env. Engineering	Ph.D., 2007

#### **Appointments**

The Ohio State University	Associate Professor	2015 - present
The Ohio State University	Assistant Professor	2010- 2015
The Ohio State University	Postdoc and Research Scien.	2007-2010

#### **Synergistic Activities**

- Associate Editor of Journal of Hydrometeorology, 2012- present.
- Co-chair of the SWOT Discharge Algorithm Working Group, 2013-present.
- NASA International Snow Working Group (iSWGR) Steering committee (2012-2017).
- Member of Remote Sensing Technical Committee of the Hydrology Section of the American Geophysical Union, 2010-present. Co-Chair: 2015-2017. Chair: 2018-Present.
- Eastern Snow Conference: Vice-President (2015-2016). President (2016-2017).
- Ohio State Environmental Sciences Graduate Program. Graduate Studies Committee Chair (2017-present).

#### **Awards and Honors**

- First author on a paper selected for the IEEE Geoscience and Remote Sensing Society 2011 J-STARS Prize Paper Award, entitled, “Estimating River Depth from Remote Sensing Swath Interferometry Measurements of River Height”
- 2016, College of Engineering Distinguished Faculty Award for Interdisciplinary Research
- 2014, Distinguished Graduate Faculty Teaching Award, School of Earth Sciences, OSU
- 2014, Kaarina and Weikko A. Heiskanen Award, School of Earth Sciences Geodetic Sciences, The Ohio State University.
- Nominated for Distinguished Undergraduate Research Mentor award, by Ohio State University Undergraduate Research Office, 2013.
- Eastern Snow Conference “Sno Foo” Award

#### **Graduate Student Advising and Postdoc Mentorship**

- Served as chair of graduate committees of Dr. Ben Vander Jagt, Dr. Dongyue Li, Dr. Jinmei Pan, and Dr. Rhae Sung Kim, all on passive microwave remote sensing of snow. Served as PhD dissertation adviser for Dr. Yeosang Yoon on remote sensing of river discharge.
- Currently chair of five ongoing PhD committees
- Supervised postdocs who both now have faculty positions: Dr. Rodrigo Paiva and Dr. Reza Najafi.
- Currently supervising two research associates

#### **Publications & Funding**

- Have published over 50 peer-reviewed publications, and been cited over 1,000 times. H-index >20. Current publication information at <http://www.researcherid.com/rid/D-2885-2013>
- Have been PI on grants with total budgets ~\$3.5M. Have been Co-I on grants totaling ~\$9.5M.

#### **Press Coverage**

- “North American mountains get almost triple the snow previously thought”, *Science*, <http://www.sciencemag.org/news/2018/03/north-american-mountains-get-almost-triple-snow-previously-thought>