

Dr. Katey Plymesser

Dr. Katey Plymesser holds a B.S. (Case Western Reserve University '01) and Ph.D. (MSU '14) degrees in Civil Engineering. She began her academic career at Montana State University – Billings with a teaching and research tenure-track appointment. Dr. Plymesser joined the Civil Engineering Department at Montana State University in 2016. Her research is focused in ecohydraulics and fish passage with a particular fondness for the application of hydraulic and fluid dynamic models to answer research questions in natural settings. She has worked with the US Fish and Wildlife Service (USFWS) both in Bozeman and at the Region 5 Headquarters in Amherst, MA on fish passage research projects and practical applications and assessments that culminated in the creation of a passage model for American shad in Steeppass (modified Denil) fishways. Her work is supported by the USGS and USFWS. Dr. Plymesser currently teaches Engineering Mechanics, Statics and Fluid Dynamics. She has been engaging both undergraduate and graduate students in research since she began her own graduate work in 2008. Through her work with the Montana State University chapter of Engineers Without Borders she has been active in promoting student engagement and involvement.