

Brownsville Dam Removal
Publications, Dissertations, Posters and Presentations 2008-2011
Dr. Desiree Tullos, Oregon State University (PI)

Theses/dissertations:

Kibler, K. 2011. Development and decommissioning of small dams [electronic resource] : analysis of impact and context. PhD Dissertation, Oregon State University.
<http://hdl.handle.net/1957/22821>

Zunka, J. 2011. Dam removals and downstream bar-pool morphology. MS Thesis, Corvallis, OR: Oregon State University. <http://hdl.handle.net/1957/21821>

Walter C. 2009. Evaluating Downstream Channel Changes in Response to a Small Dam Removal on the Calapooia River, Oregon with Respect to Measurement Errors and Prior Aerial Photo Observed Changes, 72 pp., Master's thesis, Oregon State University. <http://hdl.handle.net/1957/10264>.

Elston, D. 2009. Characterizing community impacts of small dam removal : a case study of the Brownsville Dam. MS Thesis, Oregon State University.
<http://hdl.handle.net/1957/11968>

Papers:

Tullos, D., Elston, D., Lach, D. and Bigelow, D. Measuring social and economic impacts of small dam removal in Oregon: Methods and challenges. (in preparation, to be submitted to *Journal of Water Resources Planning and Management* by 06-2012)

Zunka, J., Tullos, D., and Lancaster, S. Effects of sediment pulses on bed relief in bar-pool channels (in preparation, to be submitted to *Water Resources Research* 03-2012)

Walter, C., and Tullos, D. 2010. Downstream Channel Changes after a Small Dam Removal: Using Aerial Photos and Measurement Error for Context; Calapooia River, Oregon. *River Research and Applications* 26: 1220–1245. DOI: 10.1002/rra.1323.

Kibler, K.M., D.D. Tullos, and G.M. Kondolf, 2011. Learning from dam removal monitoring: challenges to selecting experimental design and establishing significance of outcomes. *River Research and Applications* 27(8): 967-975.

Kibler, K.M., D.D. Tullos, and G.M. Kondolf, 2011. Evolving expectations of dam removal outcomes: downstream geomorphic effects following removal of a small, gravel-filled dam. *Journal of the American Water Resources Association* 47(2): 408-423.

Presentations:

Zunka, J.P., Lancaster, S.T., Tullos, D.D. (2011), Effects of sediment pulses on downstream bar-pool morphology, Abstract EP21B-0681 presented at 2011 Fall Meeting, AGU, San Francisco, Calif., 5-9 Dec.

Zunka, J.P., Lancaster, S.T., Tullos, D.D. (2011), Effects of sediment pulses on downstream bar-pool morphology, Abstract presented at 2012 Symposium, River Restoration Northwest, Skamania, Wash., 31 Jan.-2 Feb.

Tullos, D., Kibler, K., Walter, C., and Cox, M. 2010. Processing of sediment pulses following the removal of three small, gravel-filled barriers. Presentation at AGU Fall Meeting.

Tullos, D., Pess, G., Kibler, K., and McHenry, M. 2009. Analysis Of Level Of Analysis: Study Designs For Dam Removal Monitoring (in 20 minutes or less). Presentation at Annual Stream Restoration Design Symposium, RRNW.

Zunka, J.P., Tullos, D., Lancaster, S.T. (2009), Effects of small sediment barrier removal on geomorphic complexity and habitat diversity, Abstract H51G-0853 presented at 2009 Fall Meeting, AGU, San Francisco, Calif. 14-18 Dec.

Tullos, D. 2008. Investigating geomorphic and ecological recovery following the disturbance of dam removal. Presentation to USGS.

Posters:

Tullos, D., Cox, M., Walter, C., Kibler, K., and Woloveke, G. 2011. Processing of sediment pulses following the removal of three small, gravel-filled barriers. Poster Presentation. Oregon Water Conference (May 2011, Corvallis, Oregon).

Tullos, D., Cox, M., Walter, C., Kibler, K. and Woloveke, G. 2010. Processing of sediment pulses following the removal of three small, gravel-filled barriers. Poster Presentation. 7th Gravel-Bed Rivers Conference (Sep 2010, Tadoussac, Canada).

Walter, C., and Tullos, D. 2009. Downstream channel changes after a small dam removal: Using aerial photos and measurement error for context; Calapooia River, Oregon. Poster Presentation. Geological Society of America Annual Meeting (October 2009, Portland, Oregon).

Walter, C., and Tullos, D. 2009. Sediment Outcomes for a Small Dam Removal on the Calapooia River, Oregon. Poster Presentation. Annual Stream Restoration Design Symposium, RRNW (February 2009, Stevenson, Washington).

Walter, C., and Tullos, D. 2008. Downstream Channel Change Detection Following a

Low-head Dam Removal. Poster Presentation. Water Resources Graduate Program Open House. Oregon State University.

Kibler, K.M. and D.D. Tullos, 2008. Analysis of Level of Analysis: Data Design, Sampling, and Treatment for Dam Removal Studies. American Geophysical Union, San Francisco.

Walter, C., and Tullos, D. 2007. Calculating the Volume of Sediment Behind a Dam Using Basic Techniques. Poster Presentation. Annual Stream Restoration Design Symposium, RRNW (February 2009, Stevenson, Washington).