

WATERSHED SCIENCE BULLETIN



Journal of the Association of Watershed & Stormwater Professionals

A program of the Center for Watershed Protection, Inc.

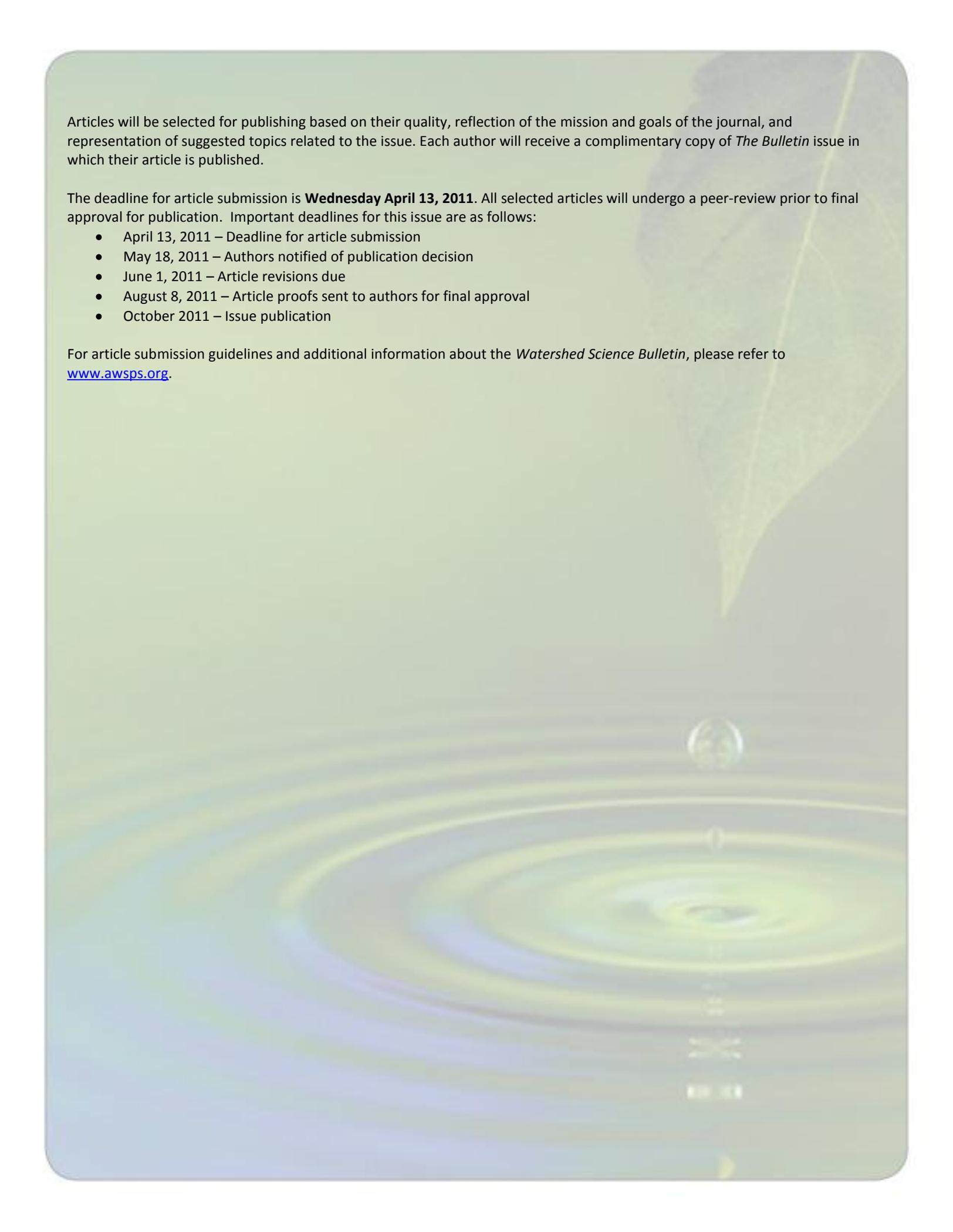
The *Bulletin* Fall 2011 Issue: Watershed Land Cover / Water Resource Connections

Announcement Date: January 6, 2011

Watershed Science Bulletin (The Bulletin) is the journal of the recently launched **Association of Watershed and Stormwater Professionals** (www.awsp.org), a program of the Center for Watershed Protection. This peer-reviewed journal is published semiannually and features practical, science-based solutions to important watershed and stormwater management issues. *The Bulletin* is the first publication to directly serve the watershed management professional community. These busy professionals typically do not have access to academic research databases for the numerous disciplines that inform watershed management. The journal's mission is to synthesize both research and experience from these disciplines and transmit this valuable information to those who need it to protect and restore their watersheds. Therefore, the information provided in *The Bulletin* is vital to the continuing education of watershed management professionals.

AWSPs is currently soliciting short articles (5,000 words or less) for the Fall 2011 issue of *The Bulletin*. This issue features the next generation of research on the influence of watershed land cover (e.g., impervious surfaces, forest, wetlands, grasslands, cropland, pasture, managed turf) on the condition of downstream water resources. Research papers, policy analysis and discussion papers are requested that help to improve our understanding of the land cover/water resource connection that is so critical to managing impacts. Preference will be given to papers summarizing new research and ideas and having national or regional implications (as opposed to a local study of land cover changes over time). Requested article topics include:

- Studies that improve our understanding of the rates and patterns of land cover conversion in the U.S. for use in predicting future changes and impacts on water resources (e.g., Where are forests and wetlands being lost and what are they being replaced with? What land use types, regions or time periods of urban/suburban development create the most turf or impervious cover?)
- Research to better characterize turf grass or soil compaction and their influence on runoff quantity and quality (e.g., extent, runoff characteristics, management practices)
- Studies that evaluate the relationship between watershed land cover and the condition of receiving waters, with specific focus on:
 - Spatial variability of impacts (e.g., variable response related to the location of impervious cover in relation to the stream, or the location of forest or wetlands within the watershed)
 - Comparison of impacts across different regions or water resource types
 - Linkages between drinking water quality and forest cover within in the drinking water source area
- Research on the influence of variable land cover characteristics (e.g., forest age, level of fragmentation or condition, impervious surface connection to stormwater drainage system) on stream response
- Critical analysis of the use of land cover metrics as predictors of water resource condition
- Discussion paper on the effectiveness/viability of land cover regulations/policies (e.g., impervious cover caps) to manage water resource impacts
- Research to quantify socioeconomic values of forests, wetlands, and/or grasslands at the watershed scale
- Studies documenting improvements in condition of the biological community as a result of land cover policies and regulation (e.g., forest conservation), and/or land cover conversions (e.g., impervious or turf to forest)
- Tools used to identify or evaluate any of the above



Articles will be selected for publishing based on their quality, reflection of the mission and goals of the journal, and representation of suggested topics related to the issue. Each author will receive a complimentary copy of *The Bulletin* issue in which their article is published.

The deadline for article submission is **Wednesday April 13, 2011**. All selected articles will undergo a peer-review prior to final approval for publication. Important deadlines for this issue are as follows:

- April 13, 2011 – Deadline for article submission
- May 18, 2011 – Authors notified of publication decision
- June 1, 2011 – Article revisions due
- August 8, 2011 – Article proofs sent to authors for final approval
- October 2011 – Issue publication

For article submission guidelines and additional information about the *Watershed Science Bulletin*, please refer to www.awsps.org.