

Ecological Restoration

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Front Cover Feature: Oyster-tecture, a proposal developed for the Rising Currents exhibition at the MoMA, proposes a living and protective soft-infrastructure for Brooklyn's waterfront. A constructed armature of fuzzy rope, shell piles, and rubble supports the growth of a living oyster reef, which breaks waves during storm events and reduces on-shore impacts. As the reef grows, a new aqueous Central Park for the harbor emerges, offering new opportunities for water-based recreation and environmental stewardship. Roger Mann as well as Raymond Grizzle and Loren Coen caution that landscape design of oyster reef restoration must include science in order to be successful. Image Credit: SCAPE LANDSCAPE ARCHITECTURE PLLC.

Back Cover Feature: Managers often mulch the woody waste generated when removing the invasive shrub European buckthorn from restoration sites and amend the soil with this mulch hoping to limit buckthorn reinvasion via soil-nitrogen immobilization. A three year experiment revealed that this practice does not reduce reinvasion and actually increases soil-nitrogen availability. The mechanical disturbance of tilling mulch into the soil (not the actual mulch), however, caused large, prolonged reductions in reinvasion by killing small buckthorn individuals (< 5 cm) that were undetected during initial buckthorn removal. These findings illustrate the importance of experimentally testing the efficacy of current and proposed restoration strategies and of formulating researcher-manager collaborations aimed at improving restoration practices. Photo credit: Lauren G. Umek.

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We welcome submissions to *Ecological Restoration* from any part of the world. Submissions should relate to the restoration of plants, animals, ecological communities, or landscapes. We understand ecological restoration to be a multidisciplinary and diverse effort and welcome manuscripts considering ecological, and social aspects of restoration, as well as political, economic, legal, and regulatory issues, and other subjects related to ecological restoration. Relevant topics also include techniques and tools for planning, site preparation, species introduction, undesired species control, and monitoring. Manuscripts dealing with plant or animal community composition or general ecology must relate the work explicitly to ecological restoration practice and theory. Similarly, material dealing with reclamation or rehabilitation in a broader sense, or with restoration for economic purposes—economic forestry, range management, waste disposal—must be connected to ecological restoration.

Material may be submitted for the following categories (listed as they are encountered in the journal):

- Letters to the Editor
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- Restoration Notes (shorter items describing project updates, new collaborations, events, innovative technologies, preliminary or unusual findings, thought-provoking concepts, imaginative solutions, etc.)
- Full-length feature articles on ecological restoration theory, practice, and research (case studies, research reports, photo essays, experiments, etc.)
- Book, journal, web, or movie reviews

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