

## **Ecological Sites for Landscape Management**

Guest Editors: Joel R. Brown and Brandon T. Bestelmeyer

- 311 **An Introduction to the Special Issue "Ecological Sites for Landscape Management"**  
*Joel R. Brown and Brandon T. Bestelmeyer*
- 313 **Completing the Land Resource Hierarchy**  
*Shawn W. Salley, H. Curtis Monger, and Joel R. Brown*
- 318 **Using Ecological Site Information to Improve Landscape Management for Ecosystem Services**  
*Joel R. Brown and Kris M. Havstad*
- 322 **The Role of Data and Inference in the Development and Application of Ecological Site Concepts and State-and-Transition Models**  
*Jason W. Karl and Curtis J. Talbot*
- 329 **Improving the Effectiveness of Ecological Site Descriptions: General State-and-Transition Models and the Ecosystem Dynamics Interpretive Tool (EDIT)**  
*Brandon T. Bestelmeyer, Jeb C. Williamson, Curtis J. Talbot, Greg W. Cates, Michael C. Duniway, and Joel R. Brown*

## **Case Studies**

- 336 **Multistakeholder Development of State-and-Transition Models: A Case Study from Northwestern Colorado**  
*Retta A. Bruegger, Maria E. Fernandez-Gimenez, Crystal Y. Tipton, Jennifer M. Timmer, and Cameron L. Aldridge*
- 342 **Generalizing Ecological Site Concepts of the Colorado Plateau for Landscape- Level Applications**  
*Michael C. Duniway, Travis W. Nauman, Jamin K. Johanson, Shane Green, Mark E. Miller, Jeb C. Williamson, and Brandon T. Bestelmeyer*
- 350 **Provisional, Forested Ecological Sites in the Northern Appalachians and their State-and-Transition Models**  
*Patrick J. Drohan and Alex W. Ireland*
- 357 **Classifying Northern New England Landscapes for Improved Conservation**  
*Jamin K. Johanson, Nicholas R. Butler, and Carl I. Bickford*
- 365 **Applying Ecological Site Concepts to Adaptive Conservation Management on an Iconic Californian Landscape**  
*Sheri Spiegel, James W. Bartolome, and Michael D. White*
- 371 **Disturbance Response Grouping of Ecological Sites Increases Utility of Ecological Sites and State-and-Transition Models for Landscape Scale Planning in the Great Basin**  
*Tamzen K. Stringham, Patti Novak-Echenique, Devon K. Snyder, Sarah Peterson, and Keirith A. Snyder*
- 379 **Application of Ecological Site Information to Transformative Changes on Great Basin Sagebrush Rangelands**  
*C. Jason Williams, Frederick B. Pierson, Kenneth E. Spaeth, Joel R. Brown, Osama Z. Al-Hamdan, Mark A. Wertz, Mark A. Nearing, Jeffrey E. Herrick, Jan Boll, Peter R. Robichaud, David C. Goodrich, Philip Heilman, D. Phillip Guertin, Mariano Hernandez, Haiyan Wei, Viktor O. Polyakov, Gerardo Armendariz, Sayjro K. Nouwakpo, Stuart P. Hardegree, Patrick E. Clark, Eva K. Strand, Jonathan D. Bates, Loretta J. Metz, and Mary H. Nichols*