IN THIS ISSUE

INDUSTRY CORNER

• Integrating Operations and Research to Demonstrate Bioenergy Heating at the University of Northern British Columbia  David Claus

• Design and Performance of Bioretention Beds for Removal of Stormwater Contaminants  Gary Austin

• Urban Stormwater Management—An MS4 Success Story for Western Michigan University  K. Brian Boyer and Mark S. Kieser

• Investigation of Architectural Strategies in Relation to Daylight and Integrated Design—A Case Study of Three Libraries in Denmark  Michael Jørgensen, Anne Iversen, and Lotte Bjerregaard Jensen

• Integrated Design Is Not Enough: The Backcasting Methodology Drives Consistent Exceptional Outcomes that Exceed the Results of Conventional Strategies  Scott Lewis

• Space Cargo Transport Bags Through Membrane Water Treatment Elements to Space Architecture Building Element: A Total Product Sustainability and Life Cycle Design Optimization Experiment  Sherwin Gormly, Michael Flynn, and A. Scott Howe

RESEARCH ARTICLES

• Effects of Semi-transparent Glazing on the Emotions of Office Workers  Keith Everette Sylvester and Jennifer Lynn Bowler

• Ecological Payback Time of an Energy-Efficient Modular Building  Jeremy Faludi and Michael Lepech

• Design Guidelines for the Utilization of Tilted Façades to Enhance Building Energy Performance  Jatuwat Varodompun and Atiwat Asavapitayanont

• Prairie-Based Green Roofs: Literature, Templates, and Analogs  Richard K. Sutton, John A. Harrington, Lee Skabelund, Peter MacDonagh, Reid R. Coffman, and Gord Koch

• Using Lean Practices to Improve Current Carbon Labelling Schemes for Construction Materials—A General Framework  Peng Wu and Yingbin Feng

• A Study of the Energy Efficiency Renovation on Public Housing Projects  Qian Chen and Qian Ma