

2011 Iowa State University Symposium on Sustainability

Energizing our Sustainability Commitment: Our Collective and Collaborative Roles

POSTER PRESENTERS

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| 1 Biorenewables Research Laboratory: supporting Iowa State's prominence in biofuels and bioenergy - Kerry Dixon-Fox | 2 Hach Hall: A State of the Art Research and Teaching Facility - Mark Grief |
| 3 Design/Build: Applied Design as an Ecological Research Methodology - Rebecca Warren | 4 Sweeney Hall renovation - Surya Mallapragada |
| 5 Green Technologies and Practices in Sustainable Transportation Infrastructure: An Overview - Kasthurirangan Gopalakrishnan | 6 Iowa State's 10th Generation Solar Car, Anthelion – Evan Stumpges |
| 7 ISU Biobus - Bernardo Del Campo | 8 College of Agriculture and Life Sciences: Initiatives and Practices to Enhance Sustainability - Roxanne Clemens |
| 9 Energy management / Computer Cluster Rooms - Bruce Harmon | 10 Ames Laboratory - Saves Green by Incorporating Green - Rebecca Shivers |
| 11 Energy Efficiency Captures in Black Engineering - Gary Mirka | 12 Diversifying Monoculture Crops by Incorporating Prairie Buffer Strips - Matt Liebman |
| 13 Reducing Nitrate in Tile Drainage: Denitrification Bioreactors - Laura Christianson | 14 Integration of Perennials in Rowcrop Agriculture for Enhancing Water Quality in Central Iowa - Matthew Helmers |
| 15 Chemical and Potential Human Health Impacts of the August 11, 2010 flood on the Ames Aquifer - William Simpkins | 16 Wind Farm Layout Optimization Considering the Effect of Landowners - Le Chen |
| 17 Microstructural and Electrochemical Impedance Study of Ni-CGO Anodes for Solid Oxide Fuel Cells Fabricated by Ultrasonic Spray Pyrolysis - Lin Liu | 18 NSF Engineering Research Center for Biorenewable Chemicals - Pre-College Education Program - Adah Leshem-Ackerman |
| 19 NSF Engineering Research Center for Biorenewable Chemicals - University Education - Raj Raman | 20 Evaluating building energy usage from a cost and business value perspective in Iowa warehouse building - Ulrike Passe |
| 21 Cedar Rapids New Bohemia Initiative - Ulrike Passe | 22 Green&Main: Cost efficient small scale commercial retrofit - Ulrike Passe |
| 23 Berlin Summer Academy: Designing for a low carbon life style - Ulrike Passe | 24 Biodiesel Production from Oleaginous Yeast, <i>Cryptococcus curvatus</i> - Priyanka Chand |
| 25 Ultrasonic Assisted Dissolution of Switchgrass using Ionic Liquid - Melissa Montalbo-Lomboy | 26 Fungal Fermentation for Bio-Oil Production from Thin Stillage - Hans Van Leeuwen |
| 27 Fungal pilot plant for ethanol coproduct beneficiation - Hans Van Leeuwen | 28 ActivUS: actively protecting our planet - Rivka Fidel |
| 29 Green Extension Team: Getting Started - Catherine Strohbeh | 30 Veenker Sustainability – John Newton |
| 31 Biorenewables Research Laboratory Certified LEED Gold - Tonia McCarley | 32 Energy Savings in Your Office - what can you do? - Bob Currie |
| 33 Printing and Paper: As Green as the Trees - Steve Weigel | 34 ISU Treecycle - Mark Chidister |
| 35 University Compost Facility - Mark Huss | 36 Biomimetics in Design - Meredith Chambers |
| 37 Saving Green by Going Green - Ruth Book | 38 Sustainability: The Potential of Art and Science Collaboration - Barb Walton |

- 39** A Behavioral Experiment in Energy Conservation - Carolyn Cutrona
- 41** Social Infrastructure in Haiti - Nadia Anderson
- 43** Ephemeral Gullies and Ecosystem Services: Social and Biophysical Factors - Nick Ohde
- 45** Closets Collide - Jennifer Sonner
- 47** Battery Recycling Challenge - Jennifer Wharton
- 49** ISU Student Recycling - Aubrey Dalbec
- 51** Alternative Fuels for Sustainable Heating and Power Generation - Praveen Kumar
- 53** More reduce and reuse than recycle - Sheng Chia
- 55** Creation of design methods that facilitate customer decision-making on sustainable products - Jinjuan She
- 57** Identifying Sustainable Designs using Preferences over Sustainability Attributes - Ganesh Ram Santhanam
- 59** An Online Retail Platform for Sustainable Regional Food System Solutions - Jonah Brown-Joel
- 61** Increasing Sustainability in Iowa Local Food Systems: The ISU Organic Agriculture Program - Kathleen Delate
- 63** Sustainability within ISU Dining - Chantal Roberts
- 65** Leopold Center Programs - Jeri Neal
- 40** The Iowa House, Corning - Nadia Anderson
- 42** Changing Behaviors to Promote Sustainability on Campus - Nathaniel Wade
- 44** Zoning for Sustainability: Fairfield, Iowa - Carlton Basmajian
- 46** Living Green in the Curriculum and the Community: The Online Sustainability Research and Education Guide at Parks Library - Tom Lindsley
- 48** ISU Student Organizations Battery Collection Competition - Jeffrey Dotzler
- 50** Integrated Pest Management at Reiman Gardens - Ed Moran
- 52** Rethinking Energy – Jacob Karasch
- 54** The Influence of Product Form on Consumers' Decisions about Sustainable Product Features - Tahira Reid
- 56** ReWall: Building Material From Recycled Beverage Cartons - Dave Utrata
- 58** Integrating Rainfall Measurement into the School Garden Curriculum at Namasagali Primary School, Uganda - Ellen Franzenburg
- 60** The Iowa Food Systems Council: Cultivating a just and diverse food system which supports healthier Iowans, communities, economies and the environment - John Dean
- 62** Farm to ISU: Investigating Student Perceptions of Local Food Systems - Darrin VanderPlas
- 64** Department of Residence Green Practices - Brittney Rutherford
- 66** Biocomposite Research Team - David Grewell