

SFS 2013 Annual Meeting

19-23 May 2013 · Jacksonville, Florida, USA

PROGRAM ADDENDUM

*This addendum reflects any changes relevant to the meeting schedule and the scientific program that came about after the printing of the Conference Program.
Revisions are noted and organized by day.*

Please note the following omission on the General Schedule (page 11 of the program book):

Tuesday: 16:00 to 18:00 Concurrent Sessions Various Rooms

MONDAY (20 May 2013)

SCIENTIFIC PROGRAM CHANGES

S03 Advancing basic and applied river science through research at restored sites

Location: River Terrace 1

15:00 - **Zimmerman, J. K.**; Hannon, J.; Merz, J.; BIOLOGICAL ASSESSMENTS OF RIVER RESTORATION: IF WE BUILD IT, WILL THEY COME? – Presentation Withdrawn

17:00 **Robinson, J. D.**; Endreny, T. E.; APPLICATION OF THE TRANSIENT STORAGE MODELING APPROACH IN NCD STREAM RESTORATION SITES: NOVEL SAMPLING APPROACHES AND AN EXAMINATION OVER MULTIPLE SCALES - Presentation Withdrawn

S04 Current and needed research on the impacts of unconventional oil and gas extraction on freshwater ecosystems

Location: Grand Ballroom 5

14:30 - **Weltman-Fahs, M.**; Fisher, W. L.; UNDERSTANDING THE RELATIONSHIPS BETWEEN HYDRAULIC FRACTURING AND BROOK TROUT HABITAT IN THE MARCELLUS SHALE REGION: A RESEARCH AGENDA – Presentation Withdrawn

16:00 - **Blakeslee, C. J.**; Galbraith, H. S.; Robertson, L. S.; White, B. S.; THE PHYSIOLOGICAL AND MOLECULAR EFFECTS OF INCREASED SALINIZATION ON THREE FRESHWATER SPECIES - Presentation Withdrawn

16:15 - **Farag, A. M.**; Harper, D. D.; Skaar, D.; THE POTENTIAL TOXICITY DEFINED IN SITU AND STREAMSIDE IN THE POWDER AND TONGUE RIVER WATERSHEDS, WYOMING/MONTANA, FROM COALBED NATURAL GAS PRODUCED WATERS – Presentation Withdrawn

16:30 - **Harper, D. D.**; Farag, A. M.; Skaar, D.; THE ACUTE AND CHRONIC TOXICITY OF SODIUM BICARBONATE, A CONSTITUENT OF COAL BED NATURAL GAS PRODUCED WATERS, TO AQUATIC ORGANISMS – Presentation Withdrawn

S07 Enhancing freshwater conservation efforts at broad spatial scales

Location: River Terrace 2

11:15 - **Hauer, F. R.**; Muhlfeld, C. C.; PREDICTING EFFECTS OF CLIMATE CHANGE: COMBINING REMOTE SENSING AND MODELING FOR CONSERVATION AND ADAPTATION OF THE FLATHEAD RIVER BC AND MONTANA – Presentation Withdrawn

11:30 - **Allan, J. D.**; Joseph, C. G.; Marino, A. L.; Smith, S. D.; Doran, P.; McIntyre, P. B.; Rutherford, E.; Biel, R.; Olson, J.; A GEOSPATIAL ASSESSMENT OF ECOSYSTEM SERVICES IN THE GREAT LAKES - Presentation Withdrawn

14:00 - Grill, G.; O.Dallaire, C.; Fluet-Chouinard, E.; Sindorf, N.; **Lehner, B.**; LARGE-SCALE ASSESSMENT OF RIVER FRAGMENTATION AND FLOW REGULATION IN THE MEKONG RIVER BASIN DUE TO PAST AND FUTURE DAM DEVELOPMENT – Presentation Withdrawn

Monday program changes, continued...

S14 The Future of Freshwater Science: an educational session for undergraduates

Location: Grand Ballroom 6

11:00 – **Vaughn, C.C.**; CONSERVATION OF FRESHWATER INVERTEBRATES – Presentation Withdrawn

T08B Landuse and Non-point Source Impacts: Other Management Impacts

Location: Grand Ballroom 8

15:00 - Gill, S. E.; Aufdenkampe, A. K.; **Arcott, D.**; MODEL MY WATERSHED: DEVELOPING ONLINE HYDROLOGIC MODELING CAPACITY FOR STUDENTS AND CITIZENS – Presenting Author Changed

14:45 – **Meyer, L.A.**; ARTIFICIAL NIGHT LIGHTING ALTERS URBAN RPARIAN ARTHROPOD COMMUNITIES – Presentation Withdrawn

T13A Land-water Interfaces: Plants and Invertebrates

Location: Grand Ballroom 6

14:30 - **Libby, B. M.**; Hutchens, J. J.; Gulis, V.; IMPACT OF MACROCONSUMERS ON LEAF BREAKDOWN AND DETRITIVORES IN WET AND DRY WETLANDS ON A SOUTHEASTERN US COASTAL PLAIN FLOODPLAIN – Presentation Withdrawn

TUESDAY (21 May 2013)

SCIENTIFIC PROGRAM CHANGES

S02 More than just P in a bag: using consumer-driven nutrient dynamics to understand community interactions and ecosystem processes

Location: River Terrace 1

15:15 - Kohler, A. E.; **Denny, L. P.**; SALMON-MEDIATED NUTRIENT FLUX IN SELECTED STREAMS OF THE COLUMBIA RIVER BASIN, USA – Presentation Withdrawn

S11 Modelling approaches in freshwater ecosystem science and management

Location: Grand Ballroom 6

17:15 – **Vaughn, C.C.** ; MODELING THE RELATIONSHIP BETWEEN MUSSEL ECOSYSTEM SERVICES AND ENVIRONMENTAL FLOWS – Presentation Withdrawn

S21 Evaluating and mitigating the effects of coal extraction on headwater ecosystems

Location: Grand Ballroom 5

14:45 - **Lindberg, T. T.**; Ross, M.; Arnold, M.; Voss, K.; Arnold, M.; Di Giulio, R. T.; FROM HEADWATERS TO TOE PONDS. IMPACTS OF MOUNTAINTOP REMOVAL COAL MINING IN THE MUD RIVER, WV – Presentation Withdrawn

16:00 - **Burke, R. A.**; Fritz, K. M.; Johnson, B. R.; Barton, C. D.; IMPACT OF MOUNTAINTOP MINING ON SEDIMENT DENITRIFICATION ENZYME ACTIVITY AND CONCENTRATION AND STABLE C ISOTOPE RATIOS OF DOC AND DIC IN STREAMS – Presentation Withdrawn

T16A Organic Matter Processing: Invertebrate Effects

Location: River Terrace 1

17:45 - **Jenkins, K. M.**; Sives, C.; Kingsford, R. T.; Rolls, R.; Mazumder, D.; Wolfenden, J.; Iles, J.; DIVERGENT NITROGEN AND CARBON PATHWAYS DURING AN ENVIRONMENTAL FLOW EVENT IN AUSTRALIA'S MURRAY-DARLING BASIN DEPEND ON HABITATS: FLOODPLAIN VERSUS CREEK – Presentation Withdrawn

SCIENTIFIC PROGRAM CHANGES – Oral Presentations

S11 Modelling approaches in freshwater ecosystem science and management

Location: River Terrace 2

11:00 - **Mejia, F. H.**; Bellmore, J. R.; Newsom, M.; Fremier, A. K.; MODELING THE INFLUENCE OF SURFACE-SUBSURFACE EXCHANGE ON PERIPHYTON DYNAMICS - Presentation Withdrawn

11:15 - **Carrick, H. J.**; Scanlan, A. M.; Weckamn, G. R.; Millie, D. F.; ESTIMATING NUTRIENT THRESHOLDS FOR STREAMS USING REGRESSION TREE AND ARTIFICIAL NEURAL NETWORK ANALYSES - Presentation Withdrawn

T10A Community Structure: Gradient Effects

Location: Grand Ballroom 8

11:30 - **Guerrón, E. J.**; Encalada, A. C.; Flecker, A. S.; Poff, L.; AQUATIC INSECT COMMUNITY COMPOSITION ALONG ALTITUDINAL GRADIENTS IN THE NORTHERN TROPICAL ANDES OF ECUADOR – Presentation Withdrawn

SCIENTIFIC PROGRAM CHANGES – Poster Presentations

T03 Bioassessment

Location: Grand Ballroom 1-4

(*) Poster # 49 - **Urgelles, R.**; Whelan, K. R.; USING DIATOM ASSEMBLAGES IN PERIPHYTON TO EVALUATE WATER QUALITY IN BIG CYPRESS NATIONAL PRESERVE - Poster Withdrawn

T07 Ecotoxicology

Location: Grand Ballroom 1-4

(*) Poster # 75 - **Palmer, I.**; Stoeckel, J.; Roberts, A.; EFFECTS OF BURROWING BY CRAYFISH ON MERCURY METHYLATION IN WETLANDS - Poster Presentation Withdrawn

T08 Landuse and Non-point Source Impacts

Location: Grand Ballroom 1-4

(*) Poster # 86 - **Breland, K. L.**; Fischer, R. U.; Thacker, R. W.; Davis, B. A.; THE EFFECT OF LOBLOLLY PINE (PINUS TAEDA) AND SWITCHGRASS (PANICUM VIRGATUM) INTERCROPPING TECHNIQUES ON INTERMITTENT STREAM MACROINVERTEBRATE COMMUNITIES – Poster Withdrawn

T09 Invertebrate Life History

Location: Grand Ballroom 1-4

(*) Poster # 94 - **Anderson, T. E.**; Krist, A. C.; Tronstad, L. M.; Julien-Thon, H.; Koel, T. M.; LIFE HISTORY TRAIT SHIFTS IN D. PULICARIA FOLLOWING THE INVASION OF LAKE TROUT IN YELLOWSTONE LAKE, WY - Poster Withdrawn

T15 Ecology of Fish and Other Aquatic Vertebrates

Location: Grand Ballroom 1-4

(*) Poster # 114 - Johannsson, M.; Gudbergsson, G.; **Olafsson, J. S.**; RENEWABLE ENERGY PRODUCTION ALONG WITH HARVESTING THE ATLANTIC SALMON – Poster Withdrawn

LBP Late Breaking Poster Session

Location: Grand Ballroom 1-4

(*) Poster # 162 - **Scharold, J. V.**; Kelly, J. R.; Corry, T. D.; STATUS OF THE AMPHIPOD DIPOREIA SPP. IN LAKE SUPERIOR, 2011 - Poster Withdrawn

Wednesday program changes, continued...

(*) Poster #175 - **Griffiths, N. A.**; Roberts, B. J.; Hill, W. R.; Mulholland, P. J.; NINE YEARS OF CONTINUOUS MEASUREMENTS REVEAL SHORT- AND LONG-TERM CONTROLS ON ECOSYSTEM METABOLISM IN WALKER BRANCH, A FORESTED HEADWATER STREAM (S09) – Oral Presentation Revised to Poster

THURSDAY (23 May 2013)

SCIENTIFIC PROGRAM CHANGES

S08 Ecohydrology for sustainability: existing research and opportunity

Location: River Terrace 1

11:15 - **Castro, A. J.**; Vaughn, C. C.; Julian, J. P.; UNCOVERING ECOSYSTEM SERVICES VALUES FOR WATERSHED MANAGEMENT IN SOUTHEAST OKLAHOMA - Presentation Withdrawn

S09 Understanding catchment and landscape-scale patterns in ecosystem metabolism

Location: River Terrace 2

09:00 - **Griffiths, N. A.**; Roberts, B. J.; Hill, W. R.; Mulholland, P. J.; NINE YEARS OF CONTINUOUS MEASUREMENTS REVEAL SHORT- AND LONG-TERM CONTROLS ON ECOSYSTEM METABOLISM IN WALKER BRANCH, A FORESTED HEADWATER STREAM – Oral Presentation Withdrawn and Revised to Poster (Poster #175)

S17 Opportunities and challenges in biomonitoring as a tool to assess impacts of energy production activities: DNA barcoding and data accessibility

Location: Grand Ballroom 6

11:15 - **Penalva-Arana, D. C.**; Ridley, C. E.; Martinson, J. W.; Pilgrim, E. M.; A NOVEL INTEGRATION OF GENETIC TECHNIQUES AND ENVIRONMENTAL SAMPLING FOR IMPROVED BIOASSESSMENT – Presentation Withdrawn

T12A Aquatic Ecosystem Management: Nutrient and Biological Responses

Location: Grand Ballroom 7

09:30 – **Foulk, P. B.**; Macaulay, J.; MacKenzie, R. A.; Uyehara, K.; LIFE HISTORY CHARACTERISTICS OF EXOTIC FISHES IN MANAGED HAWAIIAN WETLANDS - Presentation Withdrawn

T20A Food Webs: Controls

Location: River Terrace 3

11:15 - **Burdon, F. J.**; Harding, J. S.; SEDIMENTATION REDUCES TROPHIC NICHE SPACE IN AGRICULTURAL STREAM FOOD WEBS THROUGH ALTERED CARBON RESOURCE AVAILABILITY – Presentation Withdrawn

T12B Aquatic Ecosystem Management: Hydrology and Watershed Responses

Location: Grand Ballroom 7

Session organizer: Stan Gregory, Oregon State University, stanley.gregory@oregonstate.edu

11:45 - Douglas, M. M.; Dennison, W.; **Gregory, S. V.**; Settererfield, S. A.; Naiman, R. J.; READY FOR ACTION: ALIGNING PEOPLE, PROJECTS AND PATHWAYS TO IMPROVE THE APPLICATION OF ECOLOGICAL RESEARCH – Presenting Author Changed

T21B Invertebrate Ecology: Diverse Themes

Location: River Terrace 1

14:15 - **McIntosh, M. D.**; Carr, J. J.; Dobbs, C. S.; Perkins, K. D.; Milanovich, J. R.; Hopton, M. E.; MACROINVERTEBRATE COMMUNITY DYNAMICS ALONG AN URBANIZATION GRADIENT IN WETLANDS OF SOUTHWESTERN OHIO – Presentation Withdrawn

ADDITIONAL UPDATES

ADDITIONAL EXHIBITOR

Teledyne Reson, Inc.

100 Frederic Lopez Road

Goleta, CA 93117

Contact: Brian Burge

Phone: 805-964-6260

Fax: 805-964-7537

Email: brian.burge@teledyne-reson.com