



2017 AWRA Spring Specialty Conference

Connecting the Dots: The Emerging Science of Aquatic System Connectivity

April 30-May 3, 2017 - Snowbird, UT
Snowbird Ski and Summer Resort

TECHNICAL SESSIONS-AT-A-GLANCE

• MONDAY ~ MAY 1 •

8:00 AM-10:00 AM
OPENING PLENARY SESSION

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 1, 2, 3

1:30 PM-3:00 PM
CONCURRENT SESSIONS 4, 5, 6

3:30 PM-5:00 PM
CONCURRENT SESSIONS 7, 8, 9

KEYNOTE SPEAKERS

CHARLES HAWKINS

Utah State University
LOGAN, UTAH

CATHERINE PRINGLE

University of Georgia
ATLANTA, GEORGIA

JEFFREY McDONNELL

University of Saskatchewan
SASKATCHEWAN, CANADA

PATRICK HALPIN

Duke University
DURHAM, NORTH CAROLINA

- 1 **S10.1** NAVIGATING THE CLEAN WATER ACT: THE ROLE OF CONNECTIVITY IN POLICY-MAKING
- 2 **S11.1** STREAM NETWORKS: CLIMATE & BIOLOGICAL CONNECTIVITY IN FOUR DIMENSIONS
- 3 **S13.1** TACKLING CONNECTIVITY THROUGH CROSS-SCALE INTEGRATION: LESSONS LEARNED IN THE PRAIRIE POTHOLE REGION

- 4 **S12.1** SUCCESSES IN INTEGRATING MODELS & MEASUREMENTS INTO MANAGEMENT FOR AQUATIC CONNECTIVITY
- 5 **S11.2** STREAM NETWORKS: CLIMATE & BIOLOGICAL CONNECTIVITY IN FOUR DIMENSIONS
- 6 **S13.2** TACKLING CONNECTIVITY THROUGH CROSS-SCALE INTEGRATION: LESSONS LEARNED IN THE PRAIRIE POTHOLE REGION

- 7 **S12.2** SUCCESSES IN INTEGRATING MODELS & MEASUREMENTS INTO MANAGEMENT FOR AQUATIC CONNECTIVITY
- 8 **S11.3** STREAM NETWORKS: CLIMATE & BIOLOGICAL CONNECTIVITY IN FOUR DIMENSIONS
- 9 **S13.3** TACKLING CONNECTIVITY THROUGH CROSS-SCALE INTEGRATION: LESSONS LEARNED IN THE PRAIRIE POTHOLE REGION

12:00 NOON-1:30 PM / LUNCH BREAK (ON YOUR OWN)

5:00 PM-6:30 PM / OPENING NETWORKING RECEPTION

• TUESDAY ~ MAY 2 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 10,11,12

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 13,14,15

1:30 PM-3:00 PM
CONCURRENT SESSIONS 16,17,18

3:30 PM-5:00 PM
CONCURRENT SESSIONS 19,20,21

- 10 **S12.3** SUCCESSES IN INTEGRATING MODELS & MEASUREMENTS INTO MANAGEMENT FOR AQUATIC CONNECTIVITY
- 11 **S15.1** CONNECTIVITY IMPLICATIONS ON WATER RESOURCES, WATER QUALITY, & RESTORATION IN THE SEMI-ARID WEST
- 12 **S2.1** CHEMICAL CONNECTIVITY IN WETLANDS, LAKES, & WATERSHEDS

- 13 **S12.4** SUCCESSES IN INTEGRATING MODELS & MEASUREMENTS INTO MANAGEMENT FOR AQUATIC CONNECTIVITY
- 14 **S15.2** CONNECTIVITY IMPLICATIONS ON WATER RESOURCES, WATER QUALITY & RESTORATION IN THE SEMI-ARID WEST
- 15 **S2.2** CHEMICAL CONNECTIVITY IN WETLANDS, LAKES, AND WATERSHEDS

- 16 **S7.1** HYDROLOGIC CONNECTIVITY & ECOSYSTEM SERVICES ACROSS A RANGE OF SYSTEMS
- 17 **S6.1** GEOGRAPHICALLY ISOLATED WETLAND CONNECTIVITY: RECENT RESEARCH ADVANCES
- 18 **S14.1** USING GIS & REMOTE SENSING APPROACHES TO INFORM AQUATIC SYSTEM CONNECTIVITY

- 19 **S7.2** HYDROLOGIC CONNECTIVITY & ECOSYSTEM SERVICES ACROSS A RANGE OF SYSTEMS
- 20 **S6.2** GEOGRAPHICALLY ISOLATED WETLAND CONNECTIVITY: RECENT RESEARCH
- 21 **S14.2** USING GIS & REMOTE SENSING APPROACHES TO INFORM AQUATIC SYSTEM CONNECTIVITY

12:00 NOON-1:30 PM / LUNCH ON YOUR OWN

DURING THIS LUNCH BREAK A SPECIAL PRESENTATION WILL BE GIVEN BY JIM WIGINGTON, JAWRA EDITOR, ON "HOW TO PUBLISH A GREAT PEER-REVIEWED JOURNAL ARTICLE" . . . EVERYONE IS WELCOME!

5:15 PM-7:00 PM

SNOWBIRD STORMWATER MANAGEMENT WALKING TOUR

• WEDNESDAY ~ MAY 3 •

8:30 AM-10:00 AM
CONCURRENT SESSIONS 22,23,24

10:30 AM-12:00 NOON
CONCURRENT SESSIONS 25,26,27

1:30 PM-3:00 PM
CONCURRENT SESSIONS 28,29,30

3:30 PM-5:00 PM
CONCURRENT SESSIONS 31,32,33

- 22 **S8.1** HYDROLOGIC CONNECTIVITY WITHIN RIVER CORRIDORS & BEYOND
- 23 **S9.1** LAKE CONNECTIVITY: EXPLORING HYDROLOGIC CONNECTIVITY & ITS EFFECTS ON LAKE PHYSICAL, CHEMICAL, & BIOLOGICAL COMPOSITION
- 24 **S1.1** BIOLOGICAL CONNECTIVITY WITHIN & AMONG WETLANDS

- 25 **S8.2** HYDROLOGIC CONNECTIVITY WITHIN RIVER CORRIDORS & BEYOND
- 26 **S4.1** CONSIDERING CONNECTIVITY IN AQUATIC RESOURCE MANAGEMENT & PROTECTION
- 27 **S1.2** BIOLOGICAL CONNECTIVITY WITHIN & AMONG WETLANDS

- 28 **S3.1** CONNECTIVITY BETWEEN ESTUARIES & TERRESTRIAL, FRESHWATER, & MARINE ECOSYSTEMS
- 29 **S4.2** CONSIDERING CONNECTIVITY IN AQUATIC RESOURCE MANAGEMENT & PROTECTION
- 30 **S5.1** CONNECTIVITY IN COLD REGIONS

- 31 **S3.2** CONNECTIVITY BETWEEN ESTUARIES & TERRESTRIAL, FRESHWATER, & MARINE ECOSYSTEMS
- 32 **S4.3** CONSIDERING CONNECTIVITY IN AQUATIC RESOURCE MANAGEMENT & PROTECTION
- 33 **S5.2** CONNECTIVITY IN COLD REGIONS

12:00 NOON-1:30 PM ~ SPECIAL EVENT ~ CONFERENCE LUNCHEON

GUEST SPEAKER ~ PATRICK HALPIN ~ DUKE UNIVERSITY ~ NICHOLAS SCHOOL OF THE ENVIRONMENT ~ DURHAM, NC