SEDHYD-2023 Conference Report

Conference Organization

Hosted by SEDHYD, Inc.

Dates: May 8-12, 2023

Venue: St. Louis Union Station Hotel, St. Louis, Mo



SEDHYD Board of Directors

SEDHYD Board President	Jerry Webb
SEDHYD Board Vice President	Jerry Bernard
SEDHYD Board Treasurer	Don Frevert
SEDHYD Board Secretary	Tim Randle
SEDHYD Board Member	Doug Glysson
SEDHYD Board Member	Chandra Pathak ¹
SEDHYD Board Member	Jim Barton ¹

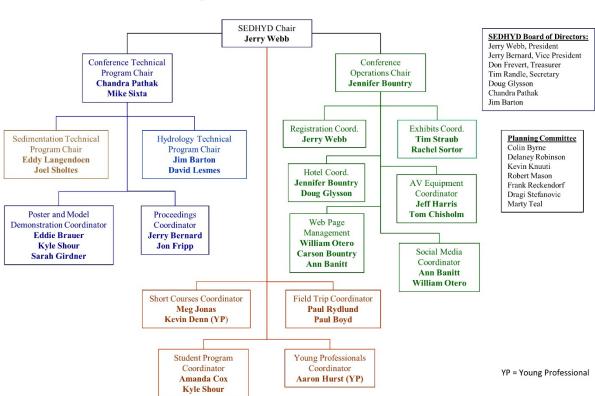
¹ Elected to Full Board Member by Board on May 12, 2023

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SEDHYD Planning Committee

SEDHYD ChairJerry WebbConference Technical Program ChairChandra PathakConference Technical Program ChairEddy LangendoenSedimentation Technical Program ChairJoel SholtesHydrology Technical Program ChairJoel SholtesHydrology Technical Program ChairDavid LesmesPoster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration CoordinatorIerry BernardProceedings CoordinatorJerry BernardProceedings CoordinatorJerry WebbRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskKathy RandleExhibits CoordinatorJennifer BountryHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJerff HarrisAV Equipment CoordinatorJerff HarrisAV Equipment CoordinatorAnn BanittWeb Page ManagementWilliam OteroWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul RydlundField Trip Coordinator (YP)Kevin DennSocial Media Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kevin Denn	Planning Committee Position	Member
Conference Technical Program Chair (YP)Mike SixtaSedimentation Technical Program ChairEddy LangendoenSedimentation Technical Program ChairJoel SholtesHydrology Technical Program ChairDavid LesmesPoster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration DeskKathy RandleRegistration DeskMark HallExhibits CoordinatorJennifer BountryHotel CoordinatorJennifer BountryHotel CoordinatorJennifer BountryHotel CoordinatorJennifer BountryHotel Coordinator (YP)Rachel SortorHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorAnn BanittWeb Page ManagementWilliam OteroWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul RydlundField Trip Coordinator (YP)Kevin DennShort Course Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron Hur	SEDHYD Chair	Jerry Webb
Sedimentation Technical Program ChairEddy LangendoenSedimentation Technical Program ChairJoel SholtesHydrology Technical Program ChairJim BartonHydrology Technical Program ChairDavid LesmesPoster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskMark HallExhibits CoordinatorJennifer BountryHotel CoordinatorJennifer BountryHotel CoordinatorJennifer BountryHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorAnn BanittWeb Page ManagementWilliam OteroWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul RydlundField Trip Coordinator (YP)Kevin DennShort Course Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul RydlundField	Conference Technical Program Chair	Chandra Pathak
Sedimentation Technical Program ChairJoel SholtesHydrology Technical Program ChairJim BartonHydrology Technical Program ChairDavid LesmesPoster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskMark HallExhibits Coordinator (YP)Rachel SortorHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorJon BanittWeb Page ManagementAnn BanittWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberColin ByrnePlanning Committee Member <td< td=""><td>Conference Technical Program Chair (YP)</td><td>Mike Sixta</td></td<>	Conference Technical Program Chair (YP)	Mike Sixta
Hydrology Technical Program ChairJim BartonHydrology Technical Program ChairDavid LesmesPoster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskMark HallExhibits CoordinatorTim StraubExhibits Coordinator (YP)Rachel SortorHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJon ChisholmWeb Page ManagementAnn BanittWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi Stefanovic	Sedimentation Technical Program Chair	Eddy Langendoen
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Poster and Model Demonstration CoordinatorEddie BrauerPoster and Model Demonstration CoordinatorKyle ShourPoster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskMark HallExhibits CoordinatorTim StraubExhibits Coordinator (YP)Rachel SortorHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorTom ChisholmWeb Page ManagementAnn BanittWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberColin ByrnePlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi Stefanovic	Hydrology Technical Program Chair	Jim Barton
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Poster and Model Demonstration Coordinator (YP)Sarah GirdnerProceedings CoordinatorJerry BernardProceedings CoordinatorJon FrippConference Operations ChairJennifer BountryRegistration CoordinatorJerry WebbRegistration DeskKathy RandleRegistration DeskMark HallExhibits Coordinator (YP)Rachel SortorHotel Coordinator (YP)BountryHotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorTom ChisholmWeb Page ManagementAnn BanittWeb Page Management (YP)Carson BountrySocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorAmanda CoxStudent Program Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi Stefanovic	Poster and Model Demonstration Coordinator	Eddie Brauer
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Hotel Coordinator (YP)Doug GlyssonAV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorTom ChisholmWeb Page ManagementAnn BanittWeb Page ManagementWilliam OteroWeb Page Management (YP)Carson BountrySocial Media CoordinatorAnn BanittSocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul BoydStudent Program Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi Stefanovic	Exhibits Coordinator (YP)	Rachel Sortor
AV Equipment CoordinatorJeff HarrisAV Equipment CoordinatorTom ChisholmWeb Page ManagementAnn BanittWeb Page Management (YP)Carson BountrySocial Media CoordinatorAnn BanittSocial Media Coordinator (YP)William OteroShort Course Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul BoydStudent Program Coordinator (YP)Kyle ShourYoung Professionals Coordinator (YP)Kyle ShourPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi StefanovicPlanning Committee MemberDragi Stefanovic	Hotel Coordinator	Jennifer Bountry
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Web Page ManagementWilliam OteroWeb Page Management (YP)Carson BountrySocial Media CoordinatorAnn BanittSocial Media Coordinator (YP)William OteroShort Course CoordinatorMeg JonasShort Course Coordinator (YP)Kevin DennField Trip CoordinatorPaul RydlundField Trip CoordinatorPaul BoydStudent Program Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberDelaney RobinsonPlanning Committee MemberDragi Stefanovic	AV Equipment Coordinator	Tom Chisholm
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Field Trip CoordinatorPaul RydlundField Trip CoordinatorPaul BoydStudent Program CoordinatorAmanda CoxStudent Program Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberColin ByrnePlanning Committee MemberDelaney RobinsonPlanning Committee MemberRobert MasonPlanning Committee MemberDragi Stefanovic	Short Course Coordinator	Meg Jonas
Field Trip CoordinatorPaul BoydStudent Program CoordinatorAmanda CoxStudent Program Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberColin ByrnePlanning Committee MemberDelaney RobinsonPlanning Committee MemberRobert MasonPlanning Committee MemberDragi Stefanovic	Short Course Coordinator (YP)	Kevin Denn
Student Program CoordinatorAmanda CoxStudent Program Coordinator (YP)Kyle ShourYoung Professionals CoordinatorAaron HurstPlanning Committee MemberColin ByrnePlanning Committee MemberDelaney RobinsonPlanning Committee MemberRobert MasonPlanning Committee MemberDragi Stefanovic	Field Trip Coordinator	Paul Rydlund
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Planning Committee MemberRobert MasonPlanning Committee MemberDragi Stefanovic		
Planning Committee Member Dragi Stefanovic		
	Planning Committee Member	Marty Teal



SEDHYD 2023 Planning Committee Organizational Chart, 5/8/2023

Call for Papers

SEDHYD 2023



Federal Interagency Sedimentation and Hydrologic Modeling Conference

(12th Sedimentation Conference and 7th Hydrologic Modeling Conference)

Hosted by SEDHYD, INC. May 8 – 12, 2023

St. Louis, Missouri, USA

CALL FOR PAPERS

Extended Abstract due date: September 1, 2022

Conference organizers invite abstract submissions for technical papers, presentations, posters, computer model demonstrations and short courses.

Please note the following dates:

- Notification of abstracts acceptance by 10/15/2022.
- Draft papers or extended abstracts due 12/15/2022.
- Final papers or extended abstracts due 04/09/2023.

Instructions for submitting abstracts and formatting and submitting papers and extended abstracts will be available on the conference website, http://www.sedhyd.org. Only the papers and extended abstracts will be published in the proceedings. The abstracts submitted by September 1st will not be published, unless they are submitted as part of the paper.

CONFERENCE THEME:

Hydrology and Sediment Science for Resilient Systems in a Changing World

SESSION TOPICS: Conference planners anticipate 280 papers, and 50 posters and computer model demonstrations. Papers should address results of recent research, technology development, or applications and case studies on the following proposed subject areas.

SEDIMENTATION TOPICS	HYDROLOGIC MODELING TOPICS
 Climate Variability and Sediment Dam Removal or Rehabilitation Fluvial Geomorphology GIS and Water Resources Management Gully Erosion Hydraulic and Sediment Modeling Managing Infrastructure in the Stream	 Climate Change Earthen Embankment Erosion Prediction Extreme Floods and Droughts Federal Flood Risk Management Standard Flood Hydrology Forecasting Groundwater Sustainability Hydroecological Modeling Infrastructure Vulnerability Management and Decision-Making Models Modeling of Major River Systems Post Fire Analyses and Restoration Regional Watershed Management Restoring and Sustaining River
Environment Physical Sediment Load Measurements Remote Sensing Reservoir Sedimentation and Sustainability Sediment Impacts on Wildlife and Habitat Sediment Transport and Fingerprinting Sediment Yield and Transport Modeling Stream Restoration Watershed Sediment Management	Environments Design Storms ("Atlas 14" updates)

Suggestions for other topics or special sessions are encouraged. Submit proposals for other topics of special sessions to Chandra Pathak at chandrapathak.sedhyd@gmail.com

Please use "SEDHYD" in the subject line of the email.

FIELD TRIPS and SHORT COURSES are planned for the conference.

BACKGROUND: The first Federal Interagency Sedimentation Conference (FISC) convened in 1947, and the first Federal Interagency Hydrologic Modeling Conference (FIHMC) convened in 1998. Because these two conferences had similar and overlapping content and participants, organizers combined them into a single highly successful joint conference for the first time in 2006. SEDHYD conferences followed in 2010, 2015, and 2019. Published proceedings for these conferences include over 3,000 papers, which are available for download at https://www.sedhyd.org

The SEDHYD 2023 Conference again brings together federal and non-federal scientists, engineers, and managers from various natural resources disciplines. Papers include recent accomplishments and progress in research, technical developments in the physical, chemical, and biological aspects of sedimentation, and the development and use of computer models addressing issues of surface water quality and guantity, and sediment erosion, transport, and deposition. The conference uses mixed formats, including formal presentations, poster sessions, short courses, and model demonstrations. Organizers also plan a competition for the best student paper.

BECOME AN EXHIBITOR: SEDHYD 2023 provides exhibitors the opportunity to interact and meet directly with scientists, practicing engineers, environmental specialists and researchers, working in the following areas: surface-water discharge, sediment, and water-quality data collection; recording and analysis equipment and software; laboratory equipment; erosion control products; computer hardware and software for collection, distribution, and/or analysis of hydrologic data; surveying equipment, both for ground surface and underwater use; computer models related to sedimentation and hydrology; and any other related equipment, services, or organizations, including professional societies, related to the SEDHYD theme. Please contact Tim Straub at tdstraub@usgs.gov for more information.

WHO SHOULD ATTEND: Federal, state, and local agency personnel, consultants, researchers, equipment manufacturers, and service suppliers associated with hydrologic, hydraulic, sediment transport, or non-point source pollution modeling; and those involved in water-resources, water supply, water-conservation assessment, or management.

Author Instructions for submitting abstracts

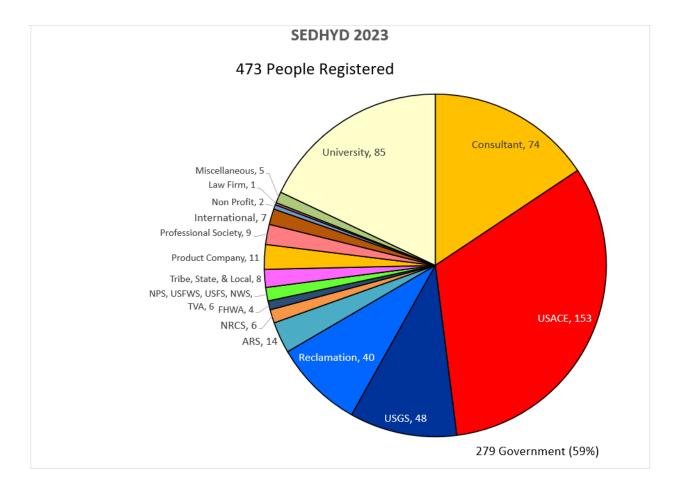
- Authors wishing to present technical papers, extended abstracts, or posters or participate in the computer modeling demonstration session must submit an abstract of not more than 500 words, using the abstract submission form on the SEDHYD website at http://www.sedhyd.org. Submit abstracts through the website only. E-mailed abstracts are NOT accepted.
- Either copy and paste, or directly type the content of your abstract into the abstract submission form. Short course
 proposal abstracts may be submitted in the same manner. Do NOT upload abstracts as a separate document. If you
 have questions or need help, contact (chandrapathak.sedhyd@gmail.com). Indicate the topic area, whether submitting
 an oral presentation or a poster, or if the abstract is for the computer modeling demonstration session. Preference is for
 papers and posters that address the theme of the conference.
- Deadline for uploading abstracts is September 1, 2022
- Current students, and students who graduated as recently as Winter 2022 or Spring 2023, are eligible for the student
 paper competition. The due dates for students are the same as for others (see 1st page). In addition, travel and
 conference registration fees can be paid for students who volunteer to become audio-visual assistants during the
 conference.
- Full instructions for formatting and preparing technical papers, extended abstracts, and posters will be available on the conference website.
- Authors are responsible for obtaining clearances and approvals required by their agencies and organizations prior to
 paper submissions.
- Conference registrants receive full conference proceedings, which include all final papers and extended abstracts, in a
 digital format. Proceedings of just abstracts will not be published.
- Presenters must register for the conference and present their papers at the conference to be included in the proceedings.

CONFERENCE	EXHIBITS	SEDIMENTATION ABSTRACTS	HYDROLOGIC MODELING ABSTRACTS
Jerry Webb	Timothy Straub	Eddy Langendoen and Joel Sholtes	Jim Barton and David Lesmes
SEDHYD Conference Chair	Exhibits Coordinator	Sedimentation Technical Program Co-	Hydrology Technical Program Co-
304-633-1754	217-328-9735	Chairs	Chairs
JWebb.sedhyd@gmail.com	tdstraub@usgs.gov	662-232-2924 (EL)	503-347-7998
		eddy.langendoen@usda.gov	jbarton.sedhyd@gmail.com
		970-248-1280 (JS)	703-648-4558
		jsholtes@coloradomesa.edu	dlesmes@usgs.gov

Conference and Exhibit Information, http://www.sedhyd.org

ORGANIZING COMMITTEE: See the Committee page on the website: https://www.sedhyd.org/

Registration



Program Overview

	Sunday 5/7/2023	Monday 5/8/2023	Tuesday 5/9/2023	Wednesday 5/10/2023	Thursday 5/11/2023	Friday 5/12/2023
Event	5/7/2025	8:00am—12:00pm &	5/5/2025	5/10/2025	5/11/2025	8:00am—
Short Courses		1:00pm—5:00pm				12:00pm
Field Trips		8:00am—12:00pm & 8:00am—4:30pm				8:00am— 12:00pm
Registration Desk	3:00pm— 6:30pm	7:00am—5:30pm	7:00am—5:00pm	7:00am—5:30pm	7:00am—5:30pm	7:00am— 12:00pm
Paramount sets up Exhibit Hall		8:00am—12:00pm				
Exhibitors set up in Exhibit Hall		12:00pm—4:00pm				
Exhibit Hall Open		5:30pm—7:30pm	8:15am—7:00pm	8:00am—3:30pm		
Exhibit Hall take down				3:30pm—5:00pm		
Speakers' Breakfast			7:30am—8:30am	7:15am—8:15am	7:15am—8:15am	
Pre-conference refreshment break			8:15am—8:45am			
Opening Session			9:00am—12:00pm			
Concurrent Sessions early AM				8:30am—10:00am	8:30am—10:00am	
Morning Networking break				10:00am—10:30am	10:00am—10:30am	
Concurrent Sessions late AM				10:30am—12:00pm	10:30am—12:00pm	
Lunch		12:00pm—1:00pm	12:00pm—1:30pm	12:00pm—1:30pm	12:00pm—1:30pm	
Student Luncheon			12:15pm—1:15pm			
Concurrent Sessions early PM			1:30pm—3:00pm	1:30pm—3:00pm	1:30pm—3:00pm	
Afternoon Networking break			3:00pm—3:30pm	3:00pm—3:30pm	-	
Concurrent Sessions late PM			3:30pm—5:00pm	3:30pm—5:00pm		
Poster & Computer Model Demonstration Session					4:00pm—8:00pm	
Receptions		Opening Reception 5:30pm—7:30pm	Exhibitors' Reception 5:00pm— 7:00pm		Conference Dinner 6:00pm—7:30pm	
Young Professionals' Reception			7:00pm—8:30pm			

Event	Sunday 5/7/2023	Monday 5/8/2023	Tuesday 5/9/2023	Wednesday 5/10/2023	Thursday 5/11/2023	Friday 5/12/2023
		SEDHYD Sedimentation Committee, 6:30— 8:00pm, Midway Suite 1	ASCE-EWRI river restoration technical committee, 5:00— 7:00pm, Midway Suite 1	Post-wildfire sedimentation activities, 5:30— 7:30pm, Midway Suite 1		
				Diversity, Equity Inclusion, Accessibility, 7:00— 8:00pm, Midway Suite 2		

Technical Sessions

Short Courses Opening Session 1A Climate Change I 1B Extreme Floods and Droughts II 1C Large River Geomorphology and Bedform Dynamics 1D Sediment Modeling and Management for Large Rivers and Navigation 1E Reservoir Sediment Management in Practice 1F Frosion and Geomorphic Adjustment 1G Sediment Decision-Making Support 2A Climate Change II 2B Flood Risk and hundation Mapping I 2C Geomorphic Response to Disturbance 2D Hydraulic and Sediment Transport Modeling - Bed to Stream Network 2E Predicting and Tracking Reservoir Sedimentation 2F Sediment Impacts on Habitat 2G Watershed Sediment Management 1 3A Reservoir Operations and Management 1 3B Flood Risk and Inundation Mapping II 3C Sediment Transport Modeling for Riverine Infrastructure Design and Management 1 3B Flood Risk and Inundation Mapping II 3C Sediment Transport Modeling for Riverine Infrastructure Design and Management 1 3B Flood Risk and Inundation Mapping II 3C		Field Trips
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6B Modeling Advances III	5G	Advancements in Bank Erosion Assessment
	6A	Frequency and Design Storm Analysis I
6C Scour and Hydraulics Modeling at Bridge-Stream Crossings	6B	Modeling Advances III
	6C	Scour and Hydraulics Modeling at Bridge-Stream Crossings

6D	Post-Fire Flood Evaluation and Management
6E	Evaluating Restoration Programs
6F	Optical and Indirect Sediment Measurements
6G	Levee Erosion and the Contributions of Waves to Bank Erosion
7A	Frequency and Design Storm Analysis III
7B	Modeling Advances IV
7C	Numerical Modeling Considerations
7D	Hydraulic Modeling of Debris Flows, Sediment, and Floods
7E	Physical Processes Informing Restoration and Habitat
7F	Sediment Transport Estimation Methods
7G	Observations of Sediment and Nutrient Dynamics
8A	Frequency and Design Storm Analysis III
8B	Modeling Advances V
8C	Advanced Numerical Analysis Topics
8D	Hydraulic Modeling of Wildfire Impacts
8E	Watershed Scale Restoration Evaluation and Planning
8F	Using Tracers to Characterize Sediment Sources and Dynamics
8G	Modeling of Sediment and Nutrient Dynamics
9A	Extreme Floods and Droughts I
9B	Watershed Studies
9C	Flood Hazard and Risk Analysis
9D	Evaluation of Wildfire Impacts to Reservoirs and Water Supply
9E	Process and Design Considerations for Restoration
9F	Sediment Yield and Transport Modeling
9G	Sediment Modeling Panel
	Computer Demonstrations
	Poster Session
	Short Courses
	Field Trips

Proceedings

Proceedings for SEDHYD 2023 and past conferences are available on line at https://www.sedhyd.org/past/

Survey Results Summary

- 1. The conference was great, say 74% of respondents. 23% said the conference was good but could use some minor improvements.
- 2. I look forward to the next SEDHYD conference, say 75% of respondents. 20% said they will consider attending SEDHYD based on information available at that time.
- 3. The St. Louis Union Station Hotel was a great conference venue, say 77% of respondents. 21% the hotel worked well enough but wasn't great.
 - The hotel was awesome, but the surrounding area was like a ghost town.
 - The big issue was the lack of convenient restaurant options near the space (especially breakfast options).
 - Not many affordable, quick, and nearby food options (e.g., breakfast, lunch).
 - Pretty expensive to travel between the airport and conference center.
 - Light rail was problematic both ways but for completely different reasons. I have also had trouble (on a previous trip) using Uber. If we return to St. Louis, I'd recommend participants use Uber or Lyft in groups of three or four if possible.
- 4. Many respondents (40%) would like to convene SEDHYD 2027 in Minneapolis, MN. 23% prefer St. Louis, 20% prefer Reno, and 18% prefer somewhere else (Denver, Nashville, Kansas City, Sacramento, Indianapolis, Salt Lake City, New York, and anywhere without a casino). There is always a steep learning curve convening a conference in a new location.
- 5. The event space was great, say 79% of respondents. 20% said the event space had some problems:
 - The acoustics in the exhibit hall weren't good and things could be a bit noisy with nonconference folks walking through. Otherwise, a good venue.
 - The conference rooms were too cold.
 - The Midway room was shallow and wide, had columns, and was too far away from the Grand Ballrooms
- 6. The Young Professionals' networking event was great, say 54% of respondents who attended. 33% said the event was okay:
 - The event's location wasn't listed on the schedule, so I had trouble finding it.

- Maybe the next event could be more of a social mixer? Something that would allow us to network with the speakers instead of having them talk at us.
- 7. The speakers' breakfast was a great opportunity for moderators and presenters to meet each other prior to the session, say 94% of respondents who attended.
- 8. There weren't enough other places to eat lunch and get back within 90 minutes, say 35% of respondents. Having food trucks would provide good low-cost options, say 34% of respondents. Providing catered lunches would be a great networking opportunity, but without more talks, say 18% of respondents.
- 9. St. Louis Union Station Hotel lodging rooms were great, say 80% of respondents who stayed there. 18% said their lodging room could have been better:
 - In-room Wi-Fi was poor.
 - The rooms were very humid due to the lack of bathroom ventilation.
 - When the AC unit kicked on, it was jolting.
- 10. The SEDHYD website was great, say 43% of respondents. 42% said they had some trouble locating the information they were looking for and 14% said the website left a lot to be desired.
 - Some complained they had trouble finding the Union Station Hotel address.
 - The website provided the needed information but couldn't find the website using google.
 - The conference agenda was a bit difficult to navigate.
 - The website is bare bones. There was some trouble navigating at times but could always get tasks done.
- 11. The on-line registration was great and easy to understand, say 66% of respondents. 31% say the registration process worked okay, but was not great:
 - It was not clear during registration which field trips/short courses were part of the paid registration and which were extra.
 - Provide drop down list for people to choose their organization name so there would be consistency when sorting the registration data. Otherwise, there are many different ways to identify the same organization name.
- 12. The on-site registration was simple to use and fast, say 88% of respondents. 10% said the on-site registration process worked okay but was not great.
 - The registration desk was difficult to find.
 - Long lines at times.

- 13. The overall technical program was great, say 83% of respondents. 17% say that some portions were good while other portions could have been better:
 - Encourage more hydrology papers and presentations
 - Bundling the short courses and the main conference eased the approval process.
- 14. The cvent app could have been better (e.g., ability to see the overall program schedule in addition to the details, ability to see papers/extended abstracts without first adding to my schedule), say 44% of respondents. 32% said they would rather have a printed program. The cvent mobile app was probably not worth all the effort to program it. Perhaps a different app would be worth trying. 17% said they found the mobile app to be very useful. Other comments:
 - The search function could have been better on the app (i.e., ability to search for title, topic, or speaker would have been useful).
 - The app took time to load every time it was opened, and it was difficult to plan which sessions to attend.
 - Browsing the sessions and planning which to attend was easier using the printable schedule
- 15. The opening session was great, say 62% of respondents who attended. 33% said the opening session was okay, but they would like some different types of speakers:
 - The speakers were good, but it was a long session and by the end the attention of some was flagging (even with the break). Perhaps the long plenary session could be broken into two sessions.
 - The keynote speakers got really into the nitty gritty. The speakers would have been more inspiring if they had addressed broader concepts and issues that draw us together as a community.
 - Most of the speakers did not take advantage of the opportunity to either reflect on their careers or cast a vision for moving forward.
 - Nice to have a speaker that is not technical and can move the audience emotionally and kick off the conference with some excitement.
 - The keynotes were a bit off-pitch from the rest of the conference. Maybe a little too "inside baseball" for those of us not directly affiliated with the USACE or USGS. Some topics that would be directly applicable to the general conference audience would be welcome as well!
 - The session was good and somewhat different from previous SEDHYD conferences, but don't repeat the agency status every 4 years.

- 16. I really liked the format of the seven concurrent sessions and the ability to move between sessions, say 82% of respondents. 18% said the format was okay, but they would like to see some changes (e.g., fewer concurrent sessions, more time for each presenter):
 - A little less time for each presenter with fewer concurrent sessions.
 - A lot of similar topics were booked across sessions, it would be nice to spread those out next time.
 - Instead of each room having a timer, restarted every session by the moderator, maybe a "global" timer synced between each room would help keep consistent start/end times, making the transition between sessions easier.
- 17. The panel discussion on modeling (Thursday afternoon, May 11th) was well moderated, and the panelists provided valuable insight, say 91% of the respondents who attended.
 - Highlight of the conference! More panel discussions in future years, please.
 - The room had visual obstructions (columns) and was very full. Need a bigger room.
- 18. The Poster and Computer Modeling Demonstration Session was a great opportunity to converse directly with authors, say 76% of respondents who attended. 20% said the session was okay, but needs some improvement:
 - Convene the session on Wednesday or Tuesday so more people will attend.
 - The space was insufficient. Cramped and Loud.
 - More time to view and visit with poster presenters would have been valuable.
- 19. 20% of respondents attended a field trip
- 20. I really enjoyed the field trip and learned a lot, said 88% of respondents who attended a field trip.
- 21. 57% of respondents attended at least one short course.
- 22. I really enjoyed the short course and learned a lot, said 81% of respondents who attended a short course. 15% said the short course they attended was okay, but some things could have been better (e.g., better presentations, more class exercises):
 - Make all presentations available BEFORE attending so attendees could make notes on the presentation pages as they were discussed in the short course
 - The sediment surrogate course was basically the same talks that were given later in the conference. Attending this short course was not a great use of time.
- 23. 29% of respondents attended a second short course.

- 24. I really enjoyed the short course and learned a lot, said 67% of respondents who attended a second short course. 24% said the short course they attended was okay, but some things could have been better (e.g., better presentations, more class exercises):
 - Too much USACE specific information
 - The second short course I registered for was cancelled.
 - By Friday I was too tired to attend a second short course

25. Many great additional comments. A summary is listed below:

- Excellent conference. Well organized and administered. Can't wait until 2027!
- Great conference that was well organized and informative.
- Thank you for your efforts organizing this conference. I know it takes a huge amount of work. I really enjoyed the conference.
- Well done, very informative conference. Unbelievable resource to have that many experts in one location to interact with.
- Thank you to the organizers, the 2023 conference was a great exposure to technical concepts and organizational challenges both closely and loosely related to my specific work.
- The considerable effort of the volunteers and organizers/committees makes this a mustattend event, and hopefully instills a sense of ownership in the success of the conference.
- Still my favorite conference for price and content. Please be careful of registration cost creep; let the other conferences have frequent and fancy food. Please try to maintain this as a bargain. Thank you.
- This was one of the best conferences I have been to while working for a federal agency. Loved the location in St Louis!! The program was very relevant, and the networking opportunities were great. The trivia game at the young professionals' event was a fun icebreaker and the speaker breakfasts were a nice opportunity to sit and talk with some new people. The registration fee was a bit on the pricey side. The app left a lot to be desired...I wanted to use the app, but it was not at all user-friendly. The hotel was very nice, but it felt a bit isolated in that there wasn't a lot to walk to nearby (not a huge issue). I really like the idea of having food trucks come around lunchtime.
- SEDHYD is one of my favorite conferences, and I look forward to the next one. I really
 enjoyed the location, especially in comparison to Las Vegas. One other comment:
 younger presenters (and everybody else) should be encouraged to make graph labels
 big enough to see! Maybe some presentation guidelines could be sent out during the
 run-up to the conference next time.
- St. Louis was a great host! The back of Union Station was really fun and interesting!
- St Louis was a GREAT venue. I would strongly prefer anywhere but Reno and Vegas. I loved not being in a casino. I'd be very happy to go back to St Louis, but Minneapolis would be fantastic as well. Denver, New Orleans, Houston, Portland, Detroit, KC, Omaha

would all be great too. This was a GREAT conference. Thank you to all the volunteers who put time and effort into this fantastic event.

- I like the idea of alternating the location of SEDHYD each time. Switch between East/West parts of the country.
- The quantity of food at the receptions was inadequate.
- Other than the limited quantity of appetizers and snacks available at the happy hours and breaks, I think the all-volunteer crew did a good job!
- Adding \$50 in cost for better snacks would be money well worth it. Seems like we ran out of snacks. Also, I think we could get more sponsors.