

Hosted by the US Army Corps of Engineers

# HEC-RAS

3-DAY WORKSHOP  
INSTRUCTOR BRIAN HALL

May 19-21, 2019

The Pearl Hotel and Resort  
310 South Padre Island Drive, SPI, TX

## Workshop Fee:

- Task Force Member: \$395
- Non-Member: \$595

CONTACT  
FOR INFORMATION

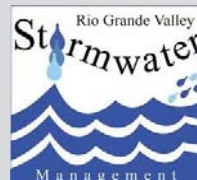
[conference@ratesrgv.org](mailto:conference@ratesrgv.org)

## Send Payment to:

RATES/RGV  
Re: HEC-RAS  
P.O. Box 697  
Edinburg, TX 78540  
(956) 609-9060  
(956) 929-7189  
Online:  
[www.ratesresearch.org/registration](http://www.ratesresearch.org/registration)

## Registration Deadline:

May 1, 2019



The three part short course series will provide a student with the ability to input, manage, manipulate and output geo-referenced information using digital computers, learn methods of layering geologic, geographic, meteorology, electromagnetic, biologic and political knowledge, and examine computer data structures including relational databases.

The objective of the course is to enable the participants to perform water surface profile computation using computer program HEC-RAS in a sound and effective manner.

The topics will include concepts of open channel flow, data requirements, basic input requirements, output analysis, application of bridge and culvert routines, and floodway determination. Participants have an opportunity to prepare input and analyze output during workshops.

## AGENDA

- 1 River Hydraulics Modeling with HEC-RAS
- 2 Viewing Results, HEC-RAS Bridge and Culvert Analysis
- 3 HEC-RAS Culverts, Floodway Analysis, and Trouble Shooting



# 21st Annual Lower Rio Grande Valley Water Quality Management & Planning Conference May 19—25, 2019: The Pearl Resort, South Padre Island

## Registration Information:

\_\_\_\_\_  
FIRST NAME MI LAST NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY STATE ZIP

\_\_\_\_\_  
INSTITUTION

\_\_\_\_\_  
EMAIL

## Cancellation Policy:

Refunds must be requested in writing no later than ten (10) calendar days prior to the event. Please refund requests to [conference@ratesrgv.org](mailto:conference@ratesrgv.org)

## Submission of Registration Form:

Email: [conference@ratesrgv.org](mailto:conference@ratesrgv.org)

## Transportation and Hotel Arrangements:

Attendees are responsible for their own transportation and room arrangements. A discounted rate of \$96.00 for a single room is available at The Pearl Resort, phone number (956)761-6551, when reservations are made before May 1, 2019. Please reference UTRGV—Stormwater Conference for the discounted rate.

## Conference Location:

The Pearl Resort  
310 Padre Blvd.  
South Padre Island, Texas 78597

## Send Payment To:

RATES/RGV  
P.O. Box 697  
Edinburg, TX 78540  
Online: [www.ratesresearch.org/registration](http://www.ratesresearch.org/registration)

## For more information, please contact the Stormwater Program at:

Email: [conference@ratesrgv.org](mailto:conference@ratesrgv.org)  
Phone: 956-609-9060  
Website: [www.rgvstormwater.org](http://www.rgvstormwater.org)

## Early Bird Events

### Stormwater Inspector Course and Certification May 20 - 21, 2019

- Taskforce Member: **\$50.00**
- Non-member: **\$795.00**

### ARCVIEW GIS Course May 20 - 21, 2019

- Taskforce Member: **No Fee**
- Non-member: **\$145.00**

### HEC-RAS Course May 19-21, 2019

- Taskforce Member: **\$395.00**
- Non-member: **\$595.00**

### Decision Making for Executives/Elected Officials May 22, 2019

- Fee **\$25.00** (if only attending this session)

### Grant Writing Workshop: May 21, 2019

- No Fee**

Early Bird Registration includes:

Breaks: May 19 - 21, 2019  
Lunch: May 21, 2019

## Conference Registration: May 22 - 24, 2019

- Early Registration: **\$355.00** on or before April 19, 2019
- Regular Registration: **\$475.00** on or before May 10, 2019
- Late Registration: **\$595.00** after May 10, 2019
- Taskforce Representative: **\$245.00** before May 10, 2019\*
- Taskforce Staff: **\$355.00** before May 10, 2019\*
- ASCE, TWPA, VBOA Members: **\$355.00** before May 10, 2019\*  
ID: \_\_\_\_\_
- University Student (ID Required): **\$75.00** before May 10, 2019\*
- Poster Competition Student: **No Fee**
- UTRGV Faculty/Staff: **\$25.00** before May 10, 2019\*
- One Day Conference Fee: **\$155.00** before May 10, 2019\*
  - Wednesday
  - Thursday
- Laguna Madre Estuary Partnership Track: May 24, 2019: **No Fee**
- U.S. Army Corps of Engineers Coastal Science & Engineering\* Collaboration Workshop: May 23-24; Fee: **\$50.00** before May 10, 2019  
\*(\$25 late fee on or after May 10, 2019)

Conference Registration includes:

Breakfast & Lunch: May 22 - 23; Breaks May 22-24  
Dinner: May 22