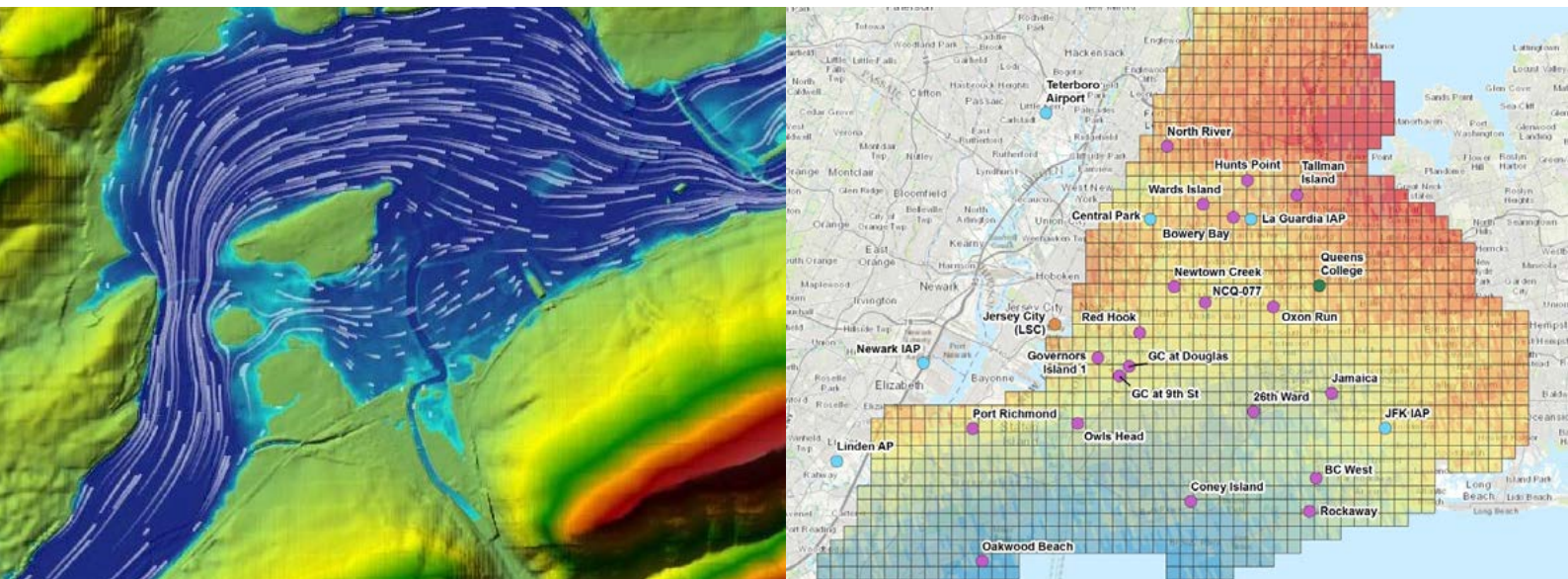


# Paving the Way for Advancements in Hydrologic and Hydraulic Modeling

## Innovative Solutions to Improve Flood Understanding and Management

Two seminars are offered in conjunction with FMA's Annual Conference May 28, 2018 in the Crowne Plaza Hotel, Gold Coast, Queensland. Register at [floodplainconference.com/registration.php](http://floodplainconference.com/registration.php)



### Seminar 1

#### HEC-RAS 2D - New Features and Validation Testing

HEC-RAS has continued to evolve rapidly with new features, computational improvements, increased computational speed and other enhanced features with the new release of Version 5.0.4. This seminar will provide an overview and demonstration of these new features and the future 5.1 version enhancements to HEC-RAS for doing both 1D and 2D hydraulic modeling. An overview will also be provided of the validation testing that has been performed and the updated benchmarking study that was performed.

**Date & Time:** Monday, May 28th, 1:00 – 2:45pm

**Venue:** Crowne Plaza Hotel Surfers Paradise

**Investment:** \$75

**Michael McMajon**

Michael.McMahon@hdrinc.com

**Mark Forest**

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### Seminar 2

#### High Resolution, Gauge-adjusted Radar Rainfall: The Next Level of Modeling Storm Runoff

A model is only as good as the data that you put into it. This seminar will be devoted to the understanding, development, and application of gauge-adjusted radar rainfall (GARR) data in Australia. During the seminar, attendees will learn a methodology that utilizes GIS and radar data supplied from the Bureau of Meteorology to recreate a given current or historic storm with a high level of spatial and temporal accuracy over a customized domain. GARR output takes storm forensic analysis, hydrologic model calibration, and the potential for “what if?” scenario modeling to the next level.

**Date & Time:** Monday, May 28th, 3:15 – 5:00pm

**Venue:** Crowne Plaza Hotel Surfers Paradise

**Investment:** \$75