

Contact: Diana Gonzalez

**FACULTY PRESENTATION AT THE UNIVERSITY OF IOWA**  
**“THE IOWA FLOOD CENTER – A RESOURCE FOR CRITICAL FLOOD**  
**RESEARCH AND APPLICATIONS”**

**Action Requested:** Receive the presentation.

**Executive Summary:** Dr. Larry Weber will highlight first year accomplishments of the Iowa Flood Center, including development of enhanced flood forecasting technologies, flood inundation mapping programs, and basin-scale hydrologic modeling activities.

Dr. Weber is the Edwin B. Green Chair in Hydraulics, the Director of the Iowa Institute of Hydraulics Research (IIHR) – Hydrosience and Engineering, and Professor of Civil and Environmental Engineering. Professor Weber’s special fields of knowledge include modeling of fish passage facilities, hydraulic structures and river restoration, and protection of endangered species. His current research interests include combining hydro-dynamic data and biological data of fish response to further understanding of fish in the immediate vicinity of passage facilities; application of computational fluids dynamics codes to natural river reaches and hydraulic structures; and the fundamental principles of plunging jets and combining open channel flows.