

Maritime Transportation Educator

A shared position with:

*Minnesota Sea Grant & the Great Lakes
Maritime Research Institute*

What is Sea Grant, and why is it a good fit for GLMRI?

- The National Sea Grant College Program works closely with the 30 states.
- Located in every coastal and Great Lakes state and Puerto Rico. (Natl. Ports & Harbors Specialist: Jim Kruse)
- Connect GLMRI to a dynamic, national university-based network of over 300 institutions involving more than 3,000 scientists, engineers, educators, and outreach experts.

Understanding the goals and issues of diverse stakeholders

- Identifying interest/constituent groups
- Communicate needs and desires
- Looking for parallel efforts
- Leveraging funding opportunities
- Building new partnerships
- Forging long-term working relationships

Constituent Driven Programs

- One-on-one consulting
- Public presentations
- Conferences
- Applied research
- Demonstrations
- Fact Sheets
- Videos
- Web based information
- Media Programs and relations

Areas for Participation

- Marine Transportation
- Ports and Harbors Infrastructure and Management
- Marine Security, Safety, & Environmental Protection
- Maritime Transportation Data Collection, Compilation, and Dissemination

(cont.)

Areas for Participation (cont.)

- Intermodal Transportation (Interface)
- Maritime Economics and Regional Development
- Land Use and Gentrification of the Waterfront (community planning and land use)
- General Education (Lay and Expert Audiences)

Recent Activities

- Maritime Literacy Program
- HWY H₂O/Chamber of Maritime Commerce Resource Development & Acquisition
- NOAA GL's Needs Assessment Planning Team (MN/WI, Great Lakes, National)
- Green Ports Initiative & AAPA Port Sustainability Group (MN/WI)
- Great Ships Initiative UWS/AGLP/GLMRI

Recent Activities

- Local MIC and HTAC (Ports of Refuge and Harbor Corrosion Workgroup)
- Mid-Continental EPA (NIS Rapid Response)
- MNDOT and MN Ports Assoc. Liaison (develop tools to promote understanding and appreciation for maritime issues within DOT)
- Great Lakes Maritime Transportation Teachers Institute GLMRI (planning, organization, and instruction)

Recent Activities

- Café Scientific Series (U of M Bell Museum, Public Information Program)
- TRB Meeting DC-June (St. Lawrence Seaway: Options to Eliminate Introduction of NIS into the Great Lakes) -introduce GLMRI & Affiliates as important resource-
- Maritime workforce evaluation support Great Lakes Maritime Academy inquiry
- GLC Meeting: Great Lakes Dredging Team (process and cost evaluation)

Some potential opportunities for GLMRI Outreach & Education

- Beltway Brown Bag Series Presentation (joint venture with Natl. Sea Grant)
- Video & DVD Great Lakes Shipping educational tools
- IMAX Project Participation: Great Lakes Shipping
- Seaway 50th Anniversary, 2008 -- conduct system wide symposium of industry and academic experts:

*Great Lakes Maritime Transportation
for the 21st Century*

All other duties as assigned.