



## Great Lakes Restoration Initiative Proposal Review

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<b>Proposal Summary</b>	
<b>Funding Opportunity #:</b>	EPA-R5-GL2010-1
<b>Program Area:</b>	Great Lakes Ballast Water Technology Grant Program
<b>Focus Area:</b>	Invasive Species
<b>Proposal Name:</b>	Development of Optics to Quantify Organisms in Ballast Water
<b>Organization Name:</b>	Great Lakes WATER Institute, Univeristy of Wisconsin-Milwaukee
<b>Proposal #:</b>	EPAGLNPO-2010-IS-1-1138-768
<b>Submission Date:</b>	2010-01-29 10:58:00
<b>Proposal Funding Request:</b>	\$378,959
<b>Brief Project Description:</b>	We propose a 3-year project to research and develop instrumentation that monitors ballast waters and measures whether or not it adheres to the international regulations. Specifically, we will develop technology which results in fair estimates of the number of particles suspended in a cubic meter/milliliter of water and the amount of viable ones among them. We will investigate technologies which will separate the viable organisms $\geq 50 \mu\text{m}$ from the water. Ground-proofing will be in cooperation with The Port of Milwaukee and the outreach program with Discovery World in Milwaukee. Key Terms: ballast water, invasive species, Great Lakes ecosystem, International Maritime Organization, IMO

<b>Proposal Files</b>	
<b>Proposal</b>	<a href="#">Ballast Water Grant 2010 final.pdf</a>
<b>Overarching Plan</b>	
<b>Resumes or Curriculum Vitae</b>	<a href="#">CVs_JRS_ANZ.pdf</a>
<b>Letters of Support</b>	<a href="#">Letters_of_Support.pdf</a>
<b>Scientific Peer Review</b>	<a href="#">References_List_Strickler.pdf</a>
<b>Maps and/or Charts</b>	

<b>Point of Contact</b>	
<b>Contact Name:</b>	J Rudi Strickler
<b>Organization Name:</b>	Great Lakes WATER Institute, Univeristy of Wisconsin-Milwaukee
<b>Address 1:</b>	600 East Greenfield Avenue
<b>Address 2:</b>	
<b>City:</b>	Milwaukee
<b>State:</b>	Wisconsin
<b>Zip Code:</b>	53204
<b>Phone Number:</b>	414-382-1700
<b>Fax Number:</b>	414-382-1705
<b>Email:</b>	jrs@uwm.edu
<b>DUNS Number:</b>	05-5301410
<b>Type of Organization:</b>	College or University

<b>Information on the Location of the Project:</b>	
<b>General Description:</b>	Great Lakes WATER Institute
<b>HUC Code:</b>	4040003
<b>Latitude:</b>	43
<b>Longitude:</b>	87
<b>County:</b>	Milwaukee

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<b>Zip Code:</b>	53204

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