



**Group 8: What is water citizenship?**

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Issue: Developing an Equity Framework for Talking about water “citizenship” and actions

*What can the University do to address the issue?*

- A) Ensure that equity is part of every “success” metric
- B) Develop a participation process that incorporating defying voices/perspectives as a strength
- C) Empowering through education and information – collaboration among different types of experts
- D) Transparency – public access to data
- E) DTE/Utilities as a model of communication using plain language
- F) Using water as a symbol of a larger issue – it isn’t the issue, it is a symbol of a layered set of issues related to inequity. “Health in all policies”

*What partners would the University need for this work?*

- A) Other Universities
- B) Utilities
- C) Government
- D) Community members

*What resources would this collaboration need?*

- A) Realign promotion and tenure policy to support partner collaboration (carrot & stick)
- B) Water quality report – make it more engaging/rewarding
- C) Forums for engagement – like Water@Michigan, beyond just the University community

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Issue: Water Citizenship via Great Lakes Literacy

*What can the University do to address the issue?*

- A) Role for pilot program in K-12 schools, develop curriculum, or distribute info to the adult population
- B) Make Great Lakes an institutional priority
  - a. Hiring staff
  - b. Highlighting relevant programs
- C) Determine level of integration of Great Lakes literacy into the classroom and program (need internal presence that belongs and isn't outside in a separate, isolated building)
- D) Those of NSF funding, bring in teachers (k-12) to have workshops and provide training, knowledge on teaching about Great Lakes (aspects of engagement with public schools)
  - a. Utilize schools and summer space/buildings
- E) Utilize museums, e.g., touring exhibit regarding Great Lakes literacy, have engagement throughout the region
- F) Create internal network for addressing literacy and water citizenship (enhance collaboration)
- G) Add water to labs and centers, e.g., poverty solutions

*What partners would the University need for this work?*

- A) Support (add on) complementary exhibit for Smithsonian Water Ways exhibit

Michigan

- B) DNR, DEQ, MDARD
  - a. "Earth Day celebration" water exhibits
- C) Public schools, non-profits, art orgs (Art Alliance), community orgs and centers, engineering orgs
- D) Other universities (MSU, cooperative extension service)
- E) NOAA, USGS
- F) Breweries(?)
- G) Michigan Sea Grant
- H) Tribal organizations
- I) Michigan Travel Bureau, Michigan Chamber of Commerce
- J) Agriculture, farmers

*What resources would this collaboration need?*

- A) Pair with the Smithsonian traveling "Water Ways" interactive exhibit – Summer 2018 in Michigan

- B) Time
- C) Expertise
- D) Knowledge
- E) Commitment
- F) Personal relationships (know can work together and connect to other resources)
- G) PR
- H) Recognition
- I) Incentive structures
  - a. Via public service in Michigan (stop ignoring the State when talking about U-M as national and international University; we are the Great Lakes State, pride)
- J) Advocacy for citizenship (e.g., Arts and Citizenship program; the issue of connecting with social sciences has disappeared)