

### Proposed USWG climate change stormwater strategy

- Establish a small ad hoc group to explore stormwater climate change issues in the USWG over the next year. The team would include Tom Schueler, David Wood, Norm Goulet and/or Karl Berger, the staff lead for the CBP Climate Resiliency Team, KC Filipino of HRDPC, a DOEE representative and anyone else who volunteers at the February USWG meeting. The group's charge is simply to share resources and contacts about experts who know more about the problem than we do.

In the next phase, the USWG would schedule a series of 30 min scoping presentations on 3 to 4 key research/policy issues areas involved in stormwater design/climate change such as:

- DOEE to get Nick Bonard to give a 30 min technical prez on his work on interior flooding in DC at Feb or March USWG Meeting
- CSN volunteers to research whether forecasts show that the intensity, duration or frequency of precip will change in the future due to climate change, and therefore change the curves used to define design storms in engineering models used to size BMPs for flood control/stormwater quantity control in the mid-Atlantic region (2 to 100 year return events).....shoot for USWG prez in late spring/early summer
- KC Fillipino @ HRPDC will summarize the projected impact of sea level rise on future outfall submergence problems in coastal storm drain pipes ---perhaps by early fall, 2018
- General influence of warmer temps, higher ET and subsurface moisture on plant and microbial growth in BMPs (and their bottom sediments) and how any of these could impact the pollutant removal function over time. (any volunteers? -- Late Fall, 2018)
- How hotter summers and milder winters might influence which plant species will do best in green infrastructure and stream restoration practice in the future and how might it change how they are maintained? (any any volunteers? -- Late Fall, 2018)
- Any other burning climate change/stormwater topics the ad-hoc group wants to talk about.

In the last phase, the ad-hoc work group would recommend next steps to USWG to deal with climate change/stormwater issues, such as a CB urban BMP Design Workshop.