

**Memo:**

To: To the ASFPM informal Climate Change Discussion Group members.

From: Bob Freitag

Date: October 26<sup>rd</sup> 2020

Subject: Notes of the October 23<sup>rd</sup> meeting

Here are notes transcribed from our October 23<sup>rd</sup> Zoom meeting. For those that could not attend, feel free to listen to the recording. [Recorded Link](#)

Our next meeting will be at 9am PT, November 20<sup>th</sup> 2020. To join the meeting, [click here](#).

Those attending the October meeting include:

First Name	Last Name	Email
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Bob	Freitag	<a href="mailto:bfreitag@uw.edu">bfreitag@uw.edu</a>
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This meeting was devoted largely to a discussion of why our working group should be made more formal and what we should be recommending to the ASFPM Board of Directors. After extensive discussion it was decided that we should recommend that the working group become a taskforce and that to start the effort of this taskforce, the ASFPM standing committees should be surveyed as to their climate related concerns. This survey would help the taskforce determine specific opportunities of our committees and allow the taskforce to have a quicker and more meaningful start. The survey would also better enable the taskforce to prepare a work plan.

Following is a draft of what this working group will be recommending to the Board along with a draft survey to be sent to the Co-Chairs.

These are drafts and please send your comments and revisions to me by November 8<sup>th</sup>

#### Recommendation to the ASFPM Board

At our 10/23/20 climate working group meeting we decided to formally make the following request to the ASFPM Board of Directors. The Working Group believes that whereas climate change is an element of each ASFPM committee, and that when climate change is undertaken within the context of individual committees, the development of uniform and coordinated policy direction is challenging.

Therefore this working group recommends that:

1. The Climate change informal working group be formalized and become a Taskforce under the overall direction of the ASFPM Board of Directors.
2. This Climate Taskforce be created as an advisory body to support ASFPM standing committees.
3. This Taskforce will include two representatives from each committee. These representatives may or may not include the committee's Co-Chairs.
4. This Taskforce will function in support of standing committees, and will provide a forum to hear inter-committee climate change related concerns.
5. The Taskforce may recommend courses of action, suggest or clarify policy for consideration by those committees involved and the ASFPM Board of Directors.
6. The Taskforce may make recommendations to the full Board. The Taskforce may draft Discussion and White Papers for consideration by, or at the request of, the ASFPM Board of Directors.
7. From time to time the Taskforce may also hold workshops, webinars or other instructional activities.

#### Survey

- A. Issues of concern including but not limited to that currently within your work plans. (Please rank your top 3)

*(NOTE: Climate Change parlance uses words that mean different things to floodplain managers. Climate "Mitigation" refers to carbon reduction/sequestering, not altering or re-directing the built environment to reduce hazards vulnerability as the phrase Hazards "Mitigation" is used in floodplain management. The reduction of vulnerability to climate impacts is often referred to as "adaptation".)*

Hazards mitigation/adaptation approaches:

1. Retreat management (*e.g. restricting investment in new development; facilitating staged/managed relocation, acquisition of properties*)
2. Protection and fortification (*e.g. historic district, infrastructure... protection where facilities cannot be relocated*)
3. Accommodation/adaptation. Example would include elevation, floodproofing, infrastructure adaptation, river corridor management, restoration of damaged natural systems that directly impact / support the built environment, preservation of ecosystem

services and natural functions. ( *e.g. watershed cover, marshes/wetlands, sediment transport, barrier islands*)

Mapping:

4. Future conditions/scenarios (*e.g. hydrograph changes; urban development of open land areas within watersheds*)
5. Mapping of erosion, shoreline retreat, and channel migration

Insurance:

6. Individualized risk-based rating (e.g. taking into account future conditions, incentivizing hazards mitigation approaches.)
7. Community-wide insurance (e.g. community based risk sharing)

Climate Mitigation – Direct and indirect carbon sequestering / generation:

8. Carbon sequestering. (*e.g. promoting blue carbon, Green Infrastructure; protection/restoration of sensitive or damaged forest/wetlands*)
9. Reducing carbon production. (*e.g. Promotion of micro-grids, [decarbonize buildings and materials](#), promote lower carbon solutions with the context of disaster recovery*)

Additional concerns:

10. Climate change impacts in regards to community justice and fairness – Equity, gentrification, knowledge of risk (*e.g. assessing impact to vulnerable populations*)
11. Tools that can be used by Floodplain Managers (?):
  - a. Financial tools (*e.g. Carbon offsets, incentivizing bond ratings and other current financing mechanisms for resilient communities, tax increment financing*)
  - b. Regulatory tools (*e.g. Enhanced zoning, subdivision, building and stormwater management regulations*)
  - c. Planning and zoning (*e.g. Land Use Planning and Capital Improvements programming, Transfer/ Purchase of Development Rights, directing new development to low hazard areas*)
  - d. Ecosystem services (e.g. Incorporating Ecosystem services into Benefit / Cost analyses, promotion of nature-based solutions, and natural functions.
  - e. Public-private partnerships for resilient communities

B. What climate change element is not covered in the above list? Or what may need clarification?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

C. What Issues is your Committee concerned with that would benefit from being discussed within the context of an inter-committee Taskforce on climate change?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

D. What climate related concerns currently with in you work plan could benefit from the involvement of a climate taskforce.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_