# ASFPM Higher Education Committee Status Report




**Co-chairs: Bob Freitag & Jerry Murphy**

**April 19, 2017**

Annual Conference—Kansas City, Missouri (2017)
**2016-2017**

## Overview

The primary mission of the Higher Education Policy Committee is to promote floodplain management educational programs and research at the post-secondary level. Recognizing the lack of degree programs in U.S. colleges and universities, the ASFPM Certification Board of Regents created the Higher Education Policy Committee in 2012. The committee continues to support existing programs and encourage other colleges and universities to teach floodplain management-related courses and create degree programs, minors and certificate programs in floodplain management.

## Liaisons:

Education and Outreach – Heidi Carlin
Professional Development – Louis Greenwell

## Active members:

| Name | Address | Role |
|---|---|---|
| Bob Freitag | bfreitag@mindspring.com | Co-chair (Current) |
| Warren Campbell | warren.campbell@wku.edu | Co-chair (Past) |
| Jerry Murphy | jerry@murphyplanning.com | Co-chair (New) |
| Dave Carlton | dave@dkcarlton.com | Member |
| Heidi Carlin | heidi.carlin@aecom.com | Education and Outreach |
| Ingrid Wadsworth | ingrid@floods.org | Staff |
| Jessica Baker | jbaker@halff.com | Member |
| Terri Turner | tturner@augustaga.gov | Member |
| Valerie Swick | vas@mail.maricopa.gov | Member |
| Jen Marcy | jennifer.marcy@atkinsglobal.com | Member |
| Burrell Montz | montzb@ecu.edu | Member |
| Louis Greenwell | lgreenwell@primeeng.com | Professional Development |

## Task Outline 2016

The Higher Education Committee was created in 2012 and its scope of work is evolving. Aside from maintaining a committee structure, currently there are two broad tasks. Subcommittees have been organized around each – Providing a forum for discussion among faculty and administration on new approaches to inserting floodplain management into course curricula and developing curricula.

## 2.1 Maintaining a committee structure.

1. Participate on conference calls and retreat
2. Attend Policy Committee chair meeting at the annual conference and hold an annual meeting.
3. Organize and facilitate regular committee conference calls
4. Represent ASFPM when asked
5. Solicit new membership

Performance: The committee addressed the above items. However regularly scheduled calls feel short of expectations, as did securing new members. Warren Campbell had to resign from being co-chair, and we want to thank Warren Campbell for his involvement over the years. We also want to thank Jerry Murphy for his willingness to become our new co-chair.

## 2.2 Provide a forum

1. Provide quarterly conference calls on desired subjects…
2. Solicit topic and interested presenters
3. Expand and maintain list of faculty and administrators …

Performance: A forum was provided. One of the items identified as to have ASFPM host a variety of course syllabi. This was found difficult because of the nature in which universities hosted material and with many feeling such material was proprietary.

## 2.3 Develop / promote curriculum for all levels of instruction.

1. College courses
2. Associates degree courses
3. Undergraduate curriculum
4. Graduate curriculum
5. Doctoral and post-doctoral topics

Performance: Members did talk to interested faculty, but to our knowledge, no new programs were created to date.

## On-going work items:

1. Participate in ASFPM Policy Committee conference calls and retreat.
2. Attend Policy Committee chair meeting at the annual conference and hold an annual meeting.
3. Organize and facilitate regular committee conference calls
4. Represent ASFPM on committees and working group
5. Provide undergraduate and graduate degree programs at WKU and UW.

Performance: Committee membership attended the annual conference, and was represented at the ASFPM committee retreat. We had a setback, however, in that the University of Washington did not have sufficient students to drive their flood risk curriculum. A separate pilot flood track was approved within the larger MIPM online degree program however. The Western Kentucky University undergraduate program has received support from the university.

## 2.2 Proposed Projects to develop in 2015-2016

1. Develop plan for an ASFPM peer reviewed journal
2. Submit student papers for presentation at ASFPM
3. Develop research agenda

Performance: Student papers were submitted to ASFPM. Having a peer reviewed journal and research agenda is still being discussed, but to date, no one has volunteered for the project.

## Proposed Work Items:

**3.1** The committee plans to send out the following request to all who have contacted ASFPM.

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We are asking your advice. How can we expand floodplain management education within our institutions? As you may be aware, ASFPM created a higher education policy several years ago with the broad objective mission being to encourage more floodplain management deliveries on our campuses.

A reconnaissance study conducted by ASFPM indicated very few institutions of higher learning were teaching floodplain management. Elements were taught. Stream and coastal mechanics were being taught in engineering colleges, as well as within Earth and space sciences, and departments of ecology. Spatial implications of flooding within geology and geography. Design within architecture and landscape architecture. And regulation and police powers within planning, and political science. Few courses connected the dots.

We are asking for you to participant in two broad ways.

1. For those having time to volunteer to join our steering committee. This should not exceed one or two hours per month, or
2. Join a list serve of interested academics willing to receive, share information.

You are being sent this because you have a relationship with ASFPM and with an educational institution. In other words you have corresponded with ASFPM or me on issues of floodplain management and have an .edu at the end of your address.

If you are willing to join our steering committee please contact us. Otherwise we'll include you on a list serve that you can contact us if want to be remove.

Sincerely,
Bob Freitag and Jerry Murphy

## 2015-2016 Work Items

### 2.2.1

| | |
|---|---|
| **Task Title: Conference Calls and Committee Retreat** | **Task Leader: Freitag/Campbell** |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task**<br>**EO Request** | |
| **Approximate Start/End Date:**<br>10/01/2015 – 09/30/2106 | **Approximate # Hours to Complete: 44** |
| **Detailed Task Description:** A co-chair or the liaison will attend all conference calls and one of co-chairs should attend the conference retreat. | |
| **Prerequisites Needed:**<br>Travel support for Committee Retreat and general support from the EO | |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 09/30/2016 | |
| **Deliverables:** Work Plan | |
| **Other Necessary Support or Resources:** | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)**<br>Volunteer labor/ $950 for travel | |
| **Approval Process: (Does The Task Require Board Approval?)** No | |
| **Assumptions:**<br>Retreat occurs at a time when one of the co-chairs can attend | |
| **Prepared by/ Date:** Campbell/08/28/2015 | **Approved By/ Date:** |

## 2.2.2

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|---|---|
| **Task Title: ASFPM Annual Conference** | **Task Leader: Freitag/Campbell** |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task EO Request** | |
| **Approximate Start/End Date:** 06/19/2016 – 06/24/2016 | **Approximate # Hrs to Complete: 16** |
| **Detailed Task Description:** Prepare for the co-chairs meeting and the annual committee meeting. Prepare notes of annual meeting for distribution | |
| **Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)**<br>???| |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 06/24/2016 | |
| **Deliverables:** Work Plan status | |
| **Other Necessary Support or Resources:** General EO support | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)**<br>Volunteer labor | |
| **Approval Process: (Does The Task Require Board Approval?)** No | |
| **Assumptions:**<br>Co-chair organizations will support travel | |
| **Prepared by/ Date:** Campbell 08/28/2015 | **Approved By/ Date:** |

## 2.2.3

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|---|---|
| **Task Title: Committee Conference Calls** | **Task Leader: Freitag/Campbell** |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task** Committee Priority | |
| **Approximate Start/End Date:** 10/01/2015 – 09/30/2016 | **Approximate # Hrs to Complete: 16** |
| **Detailed Task Description:** Organize and facilitate regular bi-monthly conference calls with active committee members (hours assume both co-chairs participating, 6 calls per year, and prep/post meeting tasks) | |
| **Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)** | |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 09/30/2016 | |
| **Deliverables:** | |
| **Other Necessary Support or Resources:** | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)** Volunteer labor | |
| **Approval Process: (Does The Task Require Board Approval?)** No | |
| **Assumptions:** | |
| **Prepared by/ Date:** Campbell 08/28/2015 | **Approved By/ Date:** |

## 2.2.4

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|---|---|
| **Task Title:** Support existing programs | **Task Leader:** Freitag/Campbell |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task (EO Request, Committee Priority, etc):** Committee priority | |
| **Approximate Start/End Date:** 10/01/2015 – 09/30/2016 | **Approximate # Hrs to Complete:** 80 |
| **Detailed Task Description:** Make existing programs viable, market the programs, and identify resources for the programs | |
| **Prerequisites Needed:** | |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 09/30/2020 | |
| **Deliverables:** Viable programs | |
| **Other Necessary Support or Resources:** ASFPM publicity | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)** Volunteer labor | |
| **Approval Process: (Does The Task Require Board Approval?)** No | |
| **Assumptions:** | |
| **Prepared by/ Date:** Campbell 08/28/2015 | **Approved By/ Date:** |

## 2.2.5

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|---|---|
| **Task Title:** Encourage the development of other programs | **Task Leader:** Freitag/Campbell |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task (EO Request, Committee Priority, etc):** Committee priority | |
| **Approximate Start/End Date:** 10/01/2015 - 09/30/2020 | **Approximate # Hrs to Complete: 80** |
| **Detailed Task Description:** Identify champions, share experience, and provide general support to those wanting to create FPM courses, minors, and degrees | |
| **Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)** | |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 09/30/2020 | |
| **Deliverables:** New programs | |
| **Other Necessary Support or Resources:** ASFPM publicity | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)** Volunteer labor | |
| **Approval Process: (Does The Task Require Board Approval?)** No | |
| **Assumptions:** | |
| **Prepared by/ Date:** Campbell 08/28/2015 | **Approved By/ Date:** |

### *2.3.1*

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|---|---|
| **Task Title:** Encourage FPM research | **Task Leader:** Campbell/Freitag |
| **ASFPM Goal # Cross Reference/Other Reason for Including Task (EO Request, Committee Priority, etc):** Committee priority | |
| **Approximate Start/End Date:** 10/01/2015 – 12/01/2015 | **Approximate # Hrs to Complete:** 10 |
| **Detailed Task Description:** Develop plan for a peer reviewed FPM journal soliciting papers from areas related to the ASFPM policy committees | |
| **Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)** | |
| **Other Policy Committees/entities to Engage for this Task:** | |
| **Completion Schedule:** 12/01/2015 | |
| **Deliverables:** Proposal to the Board of Directors | |
| **Other Necessary Support or Resources:** ASFPM publicity | |
| **Approximate Direct Cost to Complete: (Labor and Non-Labor)** Volunteer labor | |
| **Approval Process: (Does The Task Require Board Approval?)** Yes | |
| **Assumptions:** Support from the FPM Community | |
| **Prepared by/ Date:** Campbell 08/28/2015 | **Approved By/ Date:** |