

ASFPM NO ADVERSE IMPACT COMMITTEE STATUS REPORT

Annual Conference-Atlanta, Georgia



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5/31/2015

ASFPM NO ADVERSE IMPACT COMMITTEE STATUS REPORT

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Overview

The No Adverse Impact Committee’s mission is to coordinate the development and integration of a new foundational concept for floodplain management. The No Adverse Impact approach to floodplain management is a strategy to shape development in such a way that mitigates adverse impacts. The [No Adverse Impact Toolkit](#) defines seven areas where the NAI approach can be incorporated, including Hazard Identification, Education and Outreach, Planning, Regulations and Standards, Mitigation Actions, Infrastructure and Emergency Services. By incorporating NAI principles into these existing activities, flood risk can be drastically reduced. Activities undertaken to implement the committee mission include an expanding array of education and implementation tools for decision-makers and the development community at-large.

Committee liaisons include: Position Currently Vacant, Administrative Liaison; Ranko Pudar, Chapter Liaison; Sean Roche, Education and Outreach Liaison; Ed Thomas, Sr Liaison / NAI Legal Liaison; Christy Miller, Senior Liaison / NAI Historian.

The position of administrative liaison is currently vacant. The administrative liaison coordinates with the NAI Committee Co-chairs and the Executive Office on notification to the NAI Committee members of upcoming meetings, takes minutes during the meeting, coordinates with the NAI Committee co-chairs on production and dissemination of the NAI Committee meeting minutes and may provide assistance on other reports, as needed.

As chapter liaison, Ranko Pudar has gathered info on chapter contacts (with and without NAI Committees at the chapter level) and will begin distributing NAI related information to each chapter on NAI related materials and activities in the coming year.

As education and outreach liaison, Sean Roche coordinates the bi-monthly (even months) NAI Lunch & Learn webinars (to include working with the NAI Committee co-chairs on dates, topics and speakers and fully overseeing the NAI Lunch & Learn webinars).

As senior liaison/NAI legal liaison, Ed Thomas provides input on NAI legal issues. Ed, along with Sam Medlock, Jon Kusler and others has participated in the formation of several NAI related legal issues documents, articles for publication, legal case studies and NAI legal presentations for ASFPM. For many of these NAI legal-centric documents, see the website at:

<http://www.floods.org/index.asp?menuID=352&firstlevelmenuID=187&siteID=1>

As senior liaison/NAI historian, Christy Miller provides advice, guidance and mentoring to the current NAI co-chairs. Christy (along with other long-standing ASFPM members) also provides input on historical NAI documents (and is the keeper of many of those said documents), a historical background on NAI, from its inception forward, and served as a long-standing NAI Committee co-chair until 2013.

Section 2.0 of this work plan presents items for 2015-2016 that are to be accomplished by this committee and includes the work tasks required to complete these work plan items.

These items directly support the 2015-2016 ASFPM Goal 2.3: ***Expand the application of the NAI principles to watershed and community growth management approaches along with enhanced NAI Training.***

Section 3.0 of this work plan, Parking Lot, presents items that the committee would like to accomplish in the future, but are not actively being pursued at this time.

Task Outline

2.1 The NAI Committee has the following standard work items that are ongoing in nature:

Coordination with other ASFPM committees and NAI Committee members (including participation in periodic ASFPM Policy Committee Conference calls and retreats, attendance at the Annual Policy Committee co-chair meeting, and holding an annual NAI Committee meeting at the ASFPM annual conference.)

Participate in and support the National Floodplain Functions Alliance.

Co-chairs are key presenters of NAI training materials, and also support NAI training and outreach efforts by the executive office, individual committee members, committee at large, and ASFPM chapters wishing to do specific NAI training.

Prepare annual reports and Work Plans as necessary.

Prepare and update quarterly the NAI Committee's work plan; updates to include changes in/status of work items, updates in NAI presentations, updates in Lunch & Learn presentations and any other items of work done by the NAI Committee

Prepare Annual Report (prior to Annual Conference)

Prepare other reports as necessary or as requested by the Executive Office or the ASFPM Chair or ASFPM Vice-Chair

Work with EO to prepare "Procedures and Guidelines for NAI Presentations"; once completed distribute "Procedures and Guidelines for NAI Presentations" to NAI Committee members and others, as applicable

2.2 The NAI Committee has identified six major work items for 2015-2016. The work items include:

1. Continue coordination with the EO on the development of the next two "How-to Guides" of NAI approaches for implementation by local officials or States and conclude the last two guides from 2014-2015 (currently at the designer).
2. Update the 5-year Strategic Plan for the next generation of NAI – include expanding the application of NAI principles to watershed and

community growth management approaches along with enhanced NAI training

3. Continue NAI Lunch and Learn Series on an every two (even) month basis.
4. Coordinate with EO to conduct a NAI Committee member survey to determine desired level of member involvement in projects such as the How-to Guides, determine future work items, etc
5. Coordinate with EO, Watershed POD and other Committees to provide input to update National Flood Programs and Policies in Review (NFPPR).
6. Work with the Mitigation Committee and the Watershed POD on the “fracking” issue.

Note: Revision of the NAI Toolkit has been placed in the Parking Lot until after the completion of the first round of “How-to Guides.”

The ASFPM NAI Committee in conjunction with the Georgia Association of Floodplain Management NAI Committee is now hosting joint NAI Webinars:

June 2014: (157 registered as of 6/11)

Topic: What You Don’t Say “No” to Can Hurt You: Planning to Reduce Flood Hazards

James C. Schwab, Manager, APA Hazards Planning Research Center

August 2014: (128 registered as of 8/6)

Topic: Managing Stormwater within the Road Right-of-Way: An Urban NAI Approach

Turgay Dubak, PhD, PE, Michael Baker

October 2014: (105 registered as of 10/1)

Topic: Integrating Ecosystem Services into NAI

Lola Flores, Research Analyst, Earth Economics

December 2014: (106 registered as of 12/3)

Topic: NAI, the CRS, and the new NAI how-to guides?

French Wetmore, CFM with French & Associates, Ltd.

February 2015: (123 registered as of 2/4)

Topic: New Development the “NAI Way”: how the current stormwater management standards relate to NAI and CRS

Dave Carlton, P.E., CFM, D.WRE, dkcarlton & Associates, PLLC

April 2015: (85 registered as of 4/8)

Topic: NAI in Vermont: State Flood Hazard Planning & Permitting

Rebecca Pfeiffer, CFM, Vermont DEC Watershed Management Division

Sean Roche has done an outstanding job in coordinating and executing these events. Topics have ranged from planning to reduce flood hazards, to ecosystems, to NAI & the CRS, to new development the NAI way, to Vermont state flood hazard planning and permitting. We had a joint webinar with the APA which resulted in a 50% increase over our average attendance. The presenters have been as varied as the subject matter they have presented on and all of the presenters have been well received by their webinar participants. Attendance has averaged around 100 people each month over the last six months. This continues to be a valuable continuing educational opportunity as evidenced by our consistently high attendance. We've noticed other Committee Chairs forwarding our registration emails to other groups. Many new and exciting topics are planned for the remainder of 2015 and into 2016!

Other smaller projects are currently being undertaken / planned by NAI Committee members to include:

1. GA Legal Workshop (Chad Berginnis / Terri Turner)
2. Roll-out of NAI Community Survey Nationally (Sean Roche / Terri Turner). Note: The EO plans to roll this out as part of a Chapter Survey in the future.
3. Discussion Papers (these are all held over from the 2012-2013 (FY 13) Work Plan and 2013-2014 (FY14) Work Plan) and 2014-2015 (FY 15) Work Plan:
 - Economic Benefits of No Adverse Impact (Ranko Pudar)
 - NAI and the Cost of Community Services (Lt Jim Mickey)
 - Frazil Ice and NAI Solutions for Dealing with It (John Velimesis)
 - Multiple Topics (Andrew Yung)
 - Adverse Impacts of Fracking (looking for author)

NAI Presentation Opportunities June 2014- April 2015:

Coastal & Legal No Adverse Impact Workshops – ASFPM developed a Coastal No Adverse Impact Handbook (funded by NOAA) and materials for one-day Coastal No Adverse Impact workshops. In addition to requests from ASFPM Chapters, these workshops have been well received by NOAA's National Estuarine Research Reserves. NERRs have funded five of the workshops and developed a mapping exercise that has become a core component of the workshops.

Recently a Legal NAI workshop was conducted on August 19, 2014 in Milwaukee, WI in conjunction with a 2-day Digital Coast Partnership meeting hosted by ASFPM.

Chad Berginnis/Alan Lulloff/ Dave Fowler/Jim Schwab/Bradley Watson/Dick Norton
Great Lakes Community Resilience: A No Adverse Impact Approach
Milwaukee, WI – 10/19/2014 – 70 attended

Planning is currently underway to conduct similar workshops in Hammond, Indiana (June 2015) and Chicago, Illinois (July 2015) in collaboration with Illinois-Indiana Sea Grant. In addition, an NAI Implementation Workshop is proposed for the NORFMA regional meeting in Idaho on September 23, 2015.

Alisa Sauvageot / Chad Berginnis/ Larry Larson:

National Mitigation & Flood Proofing Workshop;
Broomfield CO; October 26-30, 2014
NAI presentation
10/27/2014

Major Presentation Opportunities for late 2015 (After April 2015) - 2016 include:

Jeff Stone/ ASFPM EO / Terri Turner: No Adverse Impact Workshop;
Hammond, IN; June or July 2015

Jeff Stone/ ASFPM EO / Terri Turner: No Adverse Impact Workshop;
Chicago, IL; June or July 2015

Alisa Sauvageot: 2015 Floodplain Management Annual Conference; Rancho Mirage, CA, September 8-11, 2015; (Abstract Submitted)
Risk MAP, NAI and CRS – One Action = Many Credits!

Alan Lulloff/ Dave Carlton: NORFMA Regional Conference; Post Falls, Idaho
NAI Implementation presentation September 23, 2015

Alisa Sauvageot: Arizona Floodplain Management Association Fall Conference; Safford, AZ, November 5, 2015; (Potential Presentation)
Risk MAP, NAI and CRS – One Action = Many Credits!

The following are detailed Task Summary Sheets for each of the above-noted tasks in the NAI Work Plan: Ongoing Work Items

2.1.1 Coordination with other ASFPM Committees and NAI Committee Members

Task Title: Coordination		Task Leader: Sauvageot / Turner
Approximate Start/End Date: Ongoing	Approximate # Hrs to Complete: On-going	
<p>Detailed Task Description:</p> <p>Organize and lead NAI Committee calls and Annual NAI Committee Meeting; participate in Watershed POD calls, participate in other Watershed POD committees' calls, participate in ASFPM Committee Co-Chair Calls, and ASFPM Semi - Annual Committee Co-Chair Meetings (Committee Retreat in Madison, WI – August of each year and at the Committee Co-chairs meeting held at the Annual Conference each year).</p>		
<p>Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)</p> <p>N/A</p>		
<p>Completion Schedule:</p> <p>NAI Committee calls (quarterly) Annual NAI Committee Meeting (Annual Conference); Committee Co-chairs Calls and Watershed POD Calls (quarterly), Committee Co-chairs Retreat (once per year), Committee Co-chairs Meetings (once per year at Annual Conference)</p>		
<p>Deliverables:</p> <p>Meeting Notes for NAI Committee calls and NAI Annual Committee Meeting</p>		
<p>Other Necessary Support or Resources:</p> <p>Executive Office to coordinate Conference Lines</p>		
Approximate Direct Cost to Complete: (Labor and Non-Labor): N/A		
Approval Process: (Does The Task Require Board Approval?): N/A		
Assumptions: Assume NAI Committee calls are 50 people		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

2.1.2 Support NAI Training and Outreach Efforts

Task Title: Support Training and Outreach Efforts		Task Leader: Sauvageot / Turner
Approximate Start/End Date: On-going	Approximate # Hrs to Complete: On-going	
Detailed Task Description: Provide support as needed for NAI Training and Outreach efforts		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) NA		
Completion Schedule: On-going		
<p>Deliverables:</p> <p>Conduct self-supporting NAI workshops (NAI 101 – The Basics, NAI 201 – Use of the Toolkit, NAI - Legal, NAI - Negotiations for Floodplain Managers, NAI – Patchwork Quilt, NAI – Total Water Resources Management, NAI - Coastal and any other NAI Workshops developed by or for ASFPM) for everyone in the development community including attorneys, engineers, design professionals, elected officials, community decision makers, floodplain managers, stormwater managers, water quality managers, planners, zoning administrators, developers, realtors, insurance agents, community development staff, building officials, emergency management personnel and architects.</p> <p>Coordinate with the Professional Development Committee to identify opportunities and funding for NAI trainings to be eligible for CEC's through additional professional organizations (example: AICP continuing education hours)</p> <p>Participate with Natural Floodplain Functions Alliance (NFFA); Participation with smaller Ecosystem Services workgroup on cost/benefits of environmental services.</p> <p>Participate with projects/presentations in conjunction with other Committees within the Watershed POD</p>		
Other Necessary Support or Resources: N/A		
Approximate Direct Cost to Complete: (Labor and Non-Labor) NAI Training Budget as approved by Board (yearly)		
Approval Process: (Does The Task Require Board Approval?) N/A		
Assumptions: That schedules and needs are communicated to the Executive Office.		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

2.1.3 Prepare Annual Reports and Work Plans

Task Title: NAI Annual Reports and Work Plans	Task Leader: Sauvageot / Turner
Approximate Start/End Date: Ongoing	Approximate # Hrs to Complete: On-going
<p>Detailed Task Description:</p> <p>Prepare and update quarterly the NAI Committee's Work Plan; Updates to include changes in / status of Work Items, updates in NAI presentations (given and to be given), updates in Lunch & Learn presentations (given and to be given) and any other items of work done by / to be done by the NAI Committee;</p> <p>Prepare Annual Report (prior to Annual Conference;</p> <p>Prepare other reports as necessary or as requested by the Executive Office or the ASFPM Chair or ASFPM Vice Chair; and</p> <p>Work with Executive Office to prepare "Procedures and Guidelines for NAI Presentations"; once completed distribute "Procedures and Guidelines for NAI Presentations" to NAI Committee members and others, as applicable</p>	
<p>Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)</p> <p>N/A</p>	
<p>Completion Schedule:</p> <p>Ongoing</p>	
<p>Deliverables:</p> <p>Work Plan ; Annual Report (generally April of each year: other reports as necessary or as requested</p>	
<p>Other Necessary Support or Resources:</p> <p>Input from Watershed POD; Input from other Committees; Coordination with Executive Office, ASFPM Chair, ASFPM Vice-Chair</p>	
<p>Approximate Direct Cost to Complete: (Labor and Non-Labor): N/A</p>	
<p>Approval Process: (Does The Task Require Board Approval?): N/A</p>	
<p>Assumptions: Work Plans to be updated quarterly ; Annual Report to be updated Annually (generally April of each year)</p>	
Prepared by/ Date: Sauvageot / Turner 4/2015	Approved By/ Date:

2.2 2015-2016 Work Items

2.2.1 Framework of NAI Implementation Needs

Task Title: NAI “How To Guides”		Task Leader: Sauvageot / Turner
Approximate Start/End Date: On-going	Approximate # Hrs to Complete: On-going	
Detailed Task Description: Coordinated with the Executive Office on the development of “How to Guides” of NAI approaches for implementation by local officials. Build on local and state examples of procedures, tools, and other items that are being utilized to implement NAI.		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) Mitigation and Infrastructure How To Guides completed in 2013. Planning and Education and Outreach How to Guides currently under development (at designer / printer) Mapping and Regulation underway..		
Completion Schedule: The second set of How To Guides was to have been completed and ready for distribution by late Summer / early Fall 2014 by a whole new design of the documents has taken place. The third set of How to Guides began production in the late Summer / early Fall of 2015 for draft completion by the 2015 ASFPM Annual Conference.		
Deliverables: “How To Guides” of NAI approaches (for 2014: 1) Planning and 2) Education and Outreach to be ready for distribution by mid-summer 2015 after new design; The next two How To Guides will be completed in draft format by the 2015 ASFPM Annual Conference in Atlanta, GA and ready for distribution after Conference with final two How to Guides being completed for the 2016 ASFPM Annual Conference - Legal being the 8th How-to Guide		
Other Necessary Support or Resources: Executive Office support (sending out and receiving RFPs); Project lead for coordination of interaction between EO, contractor(s) and volunteer team(s)		
Approximate Direct Cost to Complete: (Labor and Non-Labor): Approximately \$10,000 each year per How To Guide for development; Approximately \$2,500 each year per How To Guide for printing and misc.		
Approval Process: (Does The Task Require Board Approval?) Yes (Have previously received Board Approval for budget and implementation)		

2.2.2 5-Year Strategic Plan for the Next Generation of NAI

Task Title: Update of 5-Year Strategic Plan		Task Leader: Sauvageot / Turner
Approximate Start/End Date: Moved to Pkg Lot (2013)	Approximate # Hrs to Complete: 40	
Detailed Task Description: Collect information and opinions on updating the 5-year Strategic Plan (first completed in 2003) for the next generation of NAI – include expanding the application of NAI principles to watershed and community growth management approaches along with enhanced NAI training; Develop a Work Group to review the Plan		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) WorkPlan for update in progress; Need to facilitate meeting(s) of Engineering and Mapping, Stormwater, NBF, Mitigation and Coastal Committees to develop updated Strategic Plan		
Completion Schedule: Moved to Parking Lot (2013)		
Deliverables: Collection of information and recommendations on developing the Plan; final deliverable – (Updated) 5-Year Strategic Plan		
Other Necessary Support or Resources: Guidance/Input from Executive Office		
Approximate Direct Cost to Complete: (Labor and Non-Labor) N/A		
Approval Process: (Does The Task Require Board Approval?) N/A		
Assumptions: N/A		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

Note: The 5-Year Strategic Plan Update has been moved to the Parking Lot until completion of the first series of How-to Guides (estimated to be completed by the ASFPM Annual Conference in 2016), although the current NAI Committee co-chairs would like to undertake this task sooner. Plans are to discuss this issue at the NAI Committee meetings to see if we can garner volunteer support for updating this document sooner than 2016. It will also be discussed at the POD level and at the Committee Co-chairs Meeting each year (at Annual Conference and at Committee Co-chairs Retreat) to see how other ASFPM Leadership wants to handle the 5-Year NAI Strategic Plan Update.

2.2.3 Continue NAI Lunch and Learn Series on a Quarterly Basis

Task Title: NAI Lunch and Learn Series		Task Leader: Roche / Turner
Approximate Start/End Date: Ongoing	Approximate # Hrs to Complete: N/A	
<p>Detailed Task Description:</p> <p>Continue the quarterly Lunch and Learn Webinar series – Quarterly Lunch and Learn webinars were increased to every other month (in even months) beginning after the ASFPM Annual Conference in 2013. Continue the bi-monthly Lunch and Learn Webinar series – work for continued successes in speakers and topics.</p>		
<p>Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin)</p> <p>Speakers / topics identified and speakers contacted.</p>		
<p>Completion Schedule:</p> <p>On-going</p>		
<p>Deliverables:</p> <p>Bi-monthly webinars on NAI related subjects from subject matter experts</p>		
<p>Other Necessary Support or Resources:</p> <p>Guidance/Input from Executive Office</p>		
<p>Approximate Direct Cost to Complete: (Labor and Non-Labor) N/A N/A</p>		
<p>Approval Process: (Does The Task Require Board Approval?) N/A</p>		
<p>Assumptions: N/A</p>		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

2.2.4 Coordinate with EO to conduct a NAI Committee member survey to determine desired level of member involvement in projects such as the How-to Guides, white/discussion papers, and future work items.

Task Title: NAI Committee Member Survey		Task Leader: Sauvageot / Turner
Approximate Start/End Date: Conference 2015 – Conference 2016	Approximate # Hrs to Complete: 40	
Detailed Task Description: Collect information and opinions from NAI Committee members on desired level of involvement in projects such as the How To Guides, white/discussion papers, and future work items		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) Need to coordinate with EO to develop and implement NAI Committee member survey		
Completion Schedule: Conference 2015		
Deliverables: Collection of information and list of those interested in working on projects such as the How To Guides, white/discussion papers, and future work items		
Other Necessary Support or Resources: Guidance/Input from Executive Office; Will need for EO to send out survey – they are planning on doing this as part of a Chapter Survey to be done at a later date		
Approximate Direct Cost to Complete: (Labor and Non-Labor) N/A		
Approval Process: (Does The Task Require Board Approval?) N/A		
Assumptions: N/A		
Prepared by/ Date: Sauvageot / Turner 4/2015	Approved By/ Date:	

2.2.5 Coordinate with EO, Watershed POD and other Committees to provide input to update National Flood Programs and Policies in Review

Task Title: NAI Committee Comments - NFPPR		Task Leader: Sauvageot / Turner
Approximate Start/End Date: July 2014 – Aug 2014; ongoing as requested by EO	Approximate # Hrs to Complete: 20	
Detailed Task Description: Collect input / mark-ups from NAI Committee members on NFPPR; provide report of comments to EO		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) NFPPR from EO; notification to NAI Committee requesting comments / mark-up		
Completion Schedule: August 2014		
Deliverables: Report of NAI Committee Comments on NFPPR		
Other Necessary Support or Resources: EO to send out request for comments and reminders		
Approximate Direct Cost to Complete: (Labor and Non-Labor) N/A		
Approval Process: (Does The Task Require Board Approval?) N/A		
Assumptions: N/A		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

2.2.6 Work with the Mitigation Committee and the Watershed POD on the “fracking” issue

Task Title: NAI Input on “Fracking”		Task Leader: Sauvageot / Turner
Approximate Start/End Date: Aug 2014 - ongoing	Approximate # Hrs to Complete: Unknown	
Detailed Task Description: Work with the Mitigation Committee and the Watershed POD on the “fracking issue” – look at the FEMA Mitigation Policy on “Limits on Subsurface Uses of Hazard Mitigation Assistance Acquired Lands”		
Prerequisites Needed: (Activities That Need To Be Performed Before This Task Can Begin) Research into the fracking issue		
Completion Schedule: Unknown / ongoing		
Deliverables: As directed by the Mitigation Committee (possible discussion / white paper??)		
Other Necessary Support or Resources:		
Approximate Direct Cost to Complete: (Labor and Non-Labor) N/A		
Approval Process: (Does The Task Require Board Approval?) N/A		
Assumptions: N/A		
Prepared by/ Date: Sauvageot / Turner 4/2015		Approved By/ Date:

Parking Lot

The following is a list of items that the committee would like to see accomplished in the future, which are not actively being pursued:

Definition / quantification of NAI
Train-the-trainer Workshops
Survey / evaluation of NAI stakeholders
Sustainability & NAI White Paper
Posters on NAI at Annual Conference
Develop website resources and examples of NAI (“NAI Success Stories” update)
Economics of NAI (under training and outreach task associated with NFFA)
Measuring No Adverse Impact
Revision of NAI Toolkit (to be done at commencement of NAI How-to Guides)
5 Year NAI Strategic Plan Update