

Resilient Neighbors Network
Minutes of Meeting of Friday, *June 28, 2019*, 11:00 am ET

Resilient Neighbors Network (RNN) is a network of professionals representing communities actively working toward adaptation and resilience from natural hazards.

RNN Mission

To increase resilience in existing and developing communities at the grass roots level by documenting and actively sharing best practices, through education, peer to peer collaboration and mentoring.

RNN Vision

RNN will be a source for a compilation of community driven hazard resilience best practices that can serve as a resource to people & communities before, during and after a disaster. RNN will also actively bring ground truth and grassroots enlightenment to policy makers, researchers, regulators, and journalists.

AGENDA FOR UPCOMING MEETING OF July 26, 2019:

1. Roll call
 2. Approval of Minutes (May 2019 and June 2019)
 3. Status of ABA Resilience Book (Ed Thomas)
 4. **Comments/Issues/RNN Community Sharing/Good News**
 5. Status of Practical Community Resilience Project in South Carolina & Silver Jackets link (Ed Hecker)
New NHMA Board Member Ed Hecker to talk about RNN Linkage to Silver Jackets
 6. A Briefing on the FEMA Flood Mapping Program (Lillian Robison)
 7. Review of Action Items
 8. RNN Future Activities
 9. Discussion of Best Practices Documentation-New Best Practice on mitigation-based recovery with no Presidential Declaration: Joe Rossi and Coastal Coalition [Material sent separately] and Traci Sears from Montana
 10. Next Steps for RNN-DRR Curriculum Future Meeting? Discussion of CTP Grant
 - a. New Grant requires NHMA and RNN to participate with and recommend other possible interested agencies for an advisory committee meeting in Washington D.C. – [Detail by John Wiener circulated with Minutes.] Possible other locations/dates
 - b. NHMA DRR Curriculum & Workshop Status:
 - i. Examining how to further improve fit of the RNN Curriculum to the needs of External Stakeholders; coupling better with existing courses: including FEMA, EPA, NOAA, NACo, NGO & private market courses?
 - ii. RNN Volunteers for the development of the Disaster Risk Reduction Curriculum;
 - iii. How to take advantage of the latest update from the Multi-Hazard Mitigation Council on the cost/benefit of Hazard Mitigation.
 - c. Natural Hazard Conference
 11. *CTP Collaboration Monthly* Call for Topics
 12. Comments from Vincent Brown of FEMA on the many things happening at FEMA
 13. Status of Island Press Interest, Articles for NHMA Newsletter and/or ABA
 14. Adjourn
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Minutes for Meeting of Friday, June 28, 2019:

11:00 am ET - CALL TO ORDER, INTRODUCTIONS AND ROLL CALL:

1) ROLL CALL:

Present:

Ed Thomas (NHMA Board Member)

Ed Hecker (NHMA Board)

Gene Henry (Hillsborough County, FL)

Chuck Wallace (formerly of Grays Harbor, Washington)

Donna Boyce (NHMA Board)

Jim Murphy (NHMA Board)

John Wiener (NHMA Board)

Quorum not present.

Unanimous consent to move forward with an informational discussion.

2) APPROVAL OF MINUTES: (May 2019) - The Minutes were tabled.

3) Status of ABA Resilience Book (Ed Thomas)

Ed Thomas reported excellent progress on the ABA Resilience Book:

- A Supreme Court ruling just came out that will have enormous impact on local efforts to regulate land use and will be included in the Book. It is incredibly important, and essentially allows developers to go directly to Federal Court with complaints about land use that somehow violate due process, equal protection, or the Fifth Amendment - with regard to Constitutional prohibition about taking property without compensation. That is a significant change: It used to be that one had to go to State Court first, exercise one's rights in State Court and then try and appeal to Federal Court.
- A lot of commentators are very concerned about this. The property rights owners' community is rejoicing, however, and from our perspective, the fundamental principal that people don't get to use their land in a way that harms their neighbors, is protected. This is the same basic concept that we've talked about many times and should not be of any concern to those of us who are trying to promote higher standards of resilience, etc.
- Other than that, we do have some folks that are working on this from the NHMA Community, and a lot of other communities that are looking forward to the Book. Ed Thomas will be talking to Gene Henry and Chuck Wallace about the contributions they will be making; he hopes other RNN Community Members will be able to look at the draft as well, so it becomes a more of an RNN Community project.

4) Comments/Issues/RNN Community Sharing/Good News

Gene Henry

- Gene Henry reported that Hillsborough County, FL is in its second year of a three-year study called *Community Vulnerabilities*. This is on sea level rise. It's to address state statutes on something called the 'Carol Flood Act' which is to look at assets.
 - What his community did was, they sat down and Gene worked out a scope with their University that also addresses vulnerable populations. As a result, not only do they understand the infrastructure needs up through 2045-2050, and have taken a quick glimpse at 2100, but they will also understand the populations within their communities' various areas of sensitivities to changes in climate, as well as the changes that climate imposes on their communities - such as migration, changes in commerce, etc.

- Hillsborough County is very fortunate compared to many of its peers in coastal communities in that they have a little bit more elevation, and therefore a little bit more time to prepare.
 - Tropical Storm Andrea several years ago affected 3,000 parcels of land. With a one-foot sea level rise, that number can jump up to 10,000 parcels of land, and with a one and half-foot or two-foot sea level rise, that number goes up logarithmically.
- Hillsborough County has created a new Department called *Resilience*. For those who don't know, Gene Henry is in a deferred retirement program, so he has about three different departments that he oversees, along with a brand new one as well.
 - These departments are looking to see how to continue with what they created 20 years ago in the Mitigation Program. That Program includes CRS, the Flood Insurance Program and participation with the NFIP and Higher Standards, the overall All Hazards Program, and some of the planning responses and reviews that they do with comp plan amendments and zoning, as well as activities of the Office of Emergency Management.
 - It will be interesting to see the results in the next year or so as they transition some of these activities into other departments and/or agencies, hopefully with a core team as well.
- Finally, Hillsborough County is doing a lot of other things too:
 - There is a change in political leadership, which has changed the paradigm a little bit for the administration. As a result, they've established some programs that have the correct terminology and are slowly building and putting things into place as far as the programs that fit the terminology change, which is interesting to watch as well.

NHMA Admin will write up a summary of Gene Henry's remarks for him to review and expand upon for the NHMA Newsletter and distribution to the RNN Communities.

Chuck Wallace

- Chuck Wallace reported some very good news from the Pacific Northwest:
 - Grays Harbor, Washington, several years ago became the first community in North America to successfully build a public school with vertical evacuation for protection in the event of a tsunami. Chuck Wallace spent at least three years talking to different jurisdictions, speaking to legislators and other folks, urging them to move forward with similar projects. What has happened now is that three additional communities applied for FEMA Grants and all three of them received their grant money: The City of Ocean Shores, the City of Westport, and the Aberdeen School District are all moving forward with vertical evacuation structures, which would make *four* such structures in one County in the State of Washington. In addition, the community just below Grays Harbor, the Shoalwater Bay Tribe, is also building a tower. This is huge news in the realm of tsunami safety!
 - These communities are all situated in some of the worst areas of the country for tsunamis. The land is essentially flat, and when the water comes in, it will roll right over the top of anything standing.
 - This is a great achievement for public safety, great news for everyone, and may well push forward the agenda for more vertical evacuation structures up and down the Pacific Northwest coast.
 - Chuck Wallace also reported that on Monday, the Oregon legislature repealed its Tsunami Zone Building Law, which prohibited building schools, hospitals, police, and fire stations in the state tsunami inundation zone.
 - A lot of folks perceived this as a bad move - and on its face, it is bad, in way. However, Chuck Wallace pointed out that this opens the door to building vertical evacuation structures within tsunami zones. If a community can build a hospital as a vertical evacuation structure and build it so it will survive tsunami issues and still be there following the event, everyone in the community benefits. Other structures can be built as vertical evacuation structures too. That's one thing that came out of this action by the Oregon legislature. Also, a lot of it was that people couldn't get insurance for their property without building a new school because they're towards the end of their economic life now, and property values are involved. But whatever their reasons, they have opened the door to potentially building some of these vertical evacuation structures now in Oregon.

NHMA Admin will write up a summary of Chuck Wallace's remarks for him to review and expand upon for the NHMA Newsletter and distribution to the RNN Communities.

Gene Henry asked Chuck Wallace what the tsunami zoning code is this going to allow.

- There is a hospital in Hillsborough County in a Level A Evacuation or Category 1 Storm Surge area, but they have sort of taken after the vertical evacuation plan that Chuck Wallace presented on the school in Grays Harbor

and have made it so they can evacuate the most critical residents who can't move, up to higher floors that have been fortified and evacuate everyone else. Some ACLFs are allowed in these high-risk areas, however in their plan they have to show where they're going to take their residents and how they're going to take them according to evacuation times.

- Would the changes in the law allow for ACLFs?

Chuck Wallace explained that a tsunami is an event – usually when an earthquake occurs, you lose power. Hopefully the generators in the hospitals can work the elevators so they can move patients around, but what he is noticing now in a lot of the hospitals in Washington State is that they're using the first floor for administrative offices and second floors and above are used for patients floors, which helps immensely when trying to move people up. The ability to move them a little higher is the goal because higher is safer. They are working on ways that they can still maintain oxygen feeds, water feeds, electrical feed, etc. These are all issues when you are talking about a 7.0 to a 9.0. earthquake. There are big problems with these earthquakes but there are ways around them, and things are changing. Washington State is working hard on earthquake warning and new code regulations.

Chuck Wallace suggested *Project Safe Haven* and Bob Freitag's material at University of Washington would be very helpful resource to review. Everything they are doing in Washington State is based on that project. Community involvement is what helps it move forward. When you have buy-in from the community, you can do anything.

Ed Thomas reported on the NATURAL HAZARDS MITIGATION INDUSTRY ASSOCIATION that is forming.

- Ed Thomas sent out a note to the NHMA Board about a possible Natural Hazards Mitigation Industry Association that is forming. The organizers have decided they want to start it with a Flood Industry Association, for the folks that elevate homes and do other things for flood-proofing and are going forward with that. It will be led by Robert Scott of Louisiana. Ed Thomas is told they are going to incorporate in Louisiana as a Flood Industry Association, a 501(c)(6) organization, which would give them the opportunity to do lobbying.
 - The NHMA Board has endorsed the concept of a Natural Hazard Mitigation Industry Association, and we'll see what develops with this Flood Industry Association.

DISCUSSION:

- **Gene Henry** shared that this is wonderful news. He just went out to bid, over six months, twice, and has no submittals for a contractor or a team to perform what's required under a Mitigation Reconstruction Project under the Severe Repetitive Loss Program.
 - Everybody understands how difficult these federal grants are, and understands the reporting requirements, and all the stuff one has to go through to verify eligibility and work with the contractors to make sure that they cross the t's and dot the i's; with the markets as they are, contractors don't need these projects – they're painful, they increase the amount of time that's required to work with the Agreement and contracts, and there's no latitude for adjustments as you move along. This is one of the factors that led to why he doesn't have contractor bids to help this resident who is a Repetitive Flood Loss Grant beneficiary.
 - Gene Henry shared that it's wonderful to know that if there's an industry out there that's going to work nationally, it would be a great resource for local communities to use.

Ed Thomas agreed and said he believes this is exactly their idea, as well. Ed Thomas will pass Gene Henry's comments on to Rob Scott, who is heading this effort up.

- Ed is also hearing from many folks that the bid/agreement/contract process is just not working. It's essentially intolerable that people are put through so many traumas with respect to this, and it's an enormous problem. We simply have to get on with solving it, and that will take some industry lobbying, perhaps some credentials, some certifications of the manufacturers and the installers, etc., to make this into a mature type of industry.

5) Status of Practical Community Resilience Project in South Carolina & Silver Jackets link (Ed Hecker)

New NHMA Board Member Ed Hecker to talk about RNN Linkage to Silver Jackets

Ed Hecker continued his report from last month:

- Ed Hecker followed up with Ellen Bergren at the Corps of Engineers, the Assistant Program Manager for the Silver Jackets, along the lines of how can we potentially partner with NHMA/RNN to essentially extend the value of the Pilot

“Practical Community Resilience” Project we did in Laurens County, South Carolina last year – accomplished through a partnership between USACE Silver Jackets Program, Clemson University and NHMA. That project included putting on the DRR Curriculum for the State of South Carolina Emergency Management Office sponsored for the entire state. As part of that Pilot Project, a two-day session with the DRR Curriculum was presented and was very well received. This all happened in advance of Hurricane Florence hitting the coastal areas of South Carolina. Although that storm didn’t have major impacts on Laurens County, the training was provided to a State-wide audience of interested participants.

- A final report (attached) was completed by Clemson University and provided to all participants for future applications, including addressing areas that could be improved based on this initial pilot project. The Laurens County Administrator stated that this project had significant value to Laurens County and expressed interest in pursuing the initial recommendations of the risk assessment as resources permit. One objective of this project was to begin developing enduring support relationships between Land/Sea Grant Universities and Communities in need of planning and technical support in addressing disaster risk assessment and management needs that a combination of Faculty, Students and Practitioners could provide as part of service learning projects. A few key points going forward:
 - The intention is always to take our Lessons Learned and present them to other communities. We have a lot of Lessons Learned and initial recommendations in terms of the partnerships between Interagency Silver Jackets teams, South Carolina Emergency Management, Laurens County Community - especially the County Administrator and EM, and Clemson University.
 - One dimension of the Project was working with Clemson University to advise faculty and the students to work with the County in terms of looking at and completing an initial risk assessment. We had a good report, we have some good feedback from the County Administrator, and the students and the faculty and the Silver Jackets team, but have not yet identified the next state and community to get involved to pick up on the Lessons Learned and play it forward. This can provide a good opportunity for a joint SJ/RNN project with an interested State/Community
 - In that regard, Ed Hecker shared that he had the idea that we’re really focused on the same objectives as are stated for the Resilient Neighbors Network, so maybe we could find a way to collaborate and compare notes and make this more of a broader partnered activity between NHMA and the Corps. Hopefully one of our next steps is to work with David Vaughn of Clemson University and to get FEMA more engaged in this as well. FEMA was engaged very marginally in the Pilot Project in South Carolina because they were so deeply involved in hurricane recovery from two or three years of events.
 - There is a lot of opportunity, a lot of Lessons Learned that we can apply to another community(ies). Part of what we’re trying to do is see if another case study in Fort Collins, Colorado, where a team from INL applied the NIST Community Resilience Planning Guide as part of a DHS funded RRAP project and had some useful Lessons Learned in terms of how to scale the application of that guide to make it more easily applied to smaller communities with limited resources, so they can achieve the initial result without a lot of the detailed and sometimes costly technical work that’s required just to do a fully developed risk assessment. In other words, make it an affordable model for communities to use to apply the Guide to their specific risk reduction objectives, identifying those and then pursuing action plans following that, including more detailed technical analyses if warranted by the initial assessment. All with potential resource support from a local University and other qualified volunteers.
 - The next step is to develop **and schedule a conference call/webinar between representatives of NHMA / RNN and the Corps and one or two members of the State Members of the Silver Jackets Community, as well as Professor David Vaughn of Clemson. Ellen Berggren indicated she would be willing to work with us to set up this event when we are ready to proceed.**

Ed Thomas called for any thoughts on this from the RNN Community. **Is this something the RNN Communities would like us to move forward on?** We’ve been looking for an occasion to have a meeting someplace (which is covered a little later in the Agenda), and this may possibly be something that would be of interest to the RNN Communities to move forward on using what we’re doing with the Corps as a focus point for having a session discussion.

Donna Boyce shared that she agrees with this thinking and has a couple of quick thoughts to offer for consideration:

- With the disclaimer that she was at the South Carolina event, had a great time, thought it was very well received, and that she served as a Community Resilience Fellow on the Community Resilience Project, she has been up to all sorts of things with Ed Hecker ever since she bumped into him a few years ago.

- NHMA and the RNN may want to consider that Bozeman, Montana, has been making great use of the NIST Guide in a slightly different way – its paired down, its lean, but they’ve made some significant steps and are getting the Next Step Prospects. Fort Collins is also a great example and was very robustly done. We may also want to consider something a little less robust, but still quite effective, and Nashua, NH has done a great job of using the NIST Community Resilience Planning Guide as well. Both of these communities use sound principles and Donna Boyce has advocated that NHMA’s *Road to Resilience* be used in those efforts as well.

Ed Thomas shared these are all great comments and thanked Donna Boyce. Very glad to see that the NIST Guide is turning out. **What does the RNN Community say to Ed Hecker’s thoughts here?** Those that are on from the RNN, is this intriguing? **Is this something we want to follow up on as RNN in addition to following up on as NHMA?**

Gene Henry stated that he would love to pull in folks from his Neighborhood Resiliency Department and have them brought into this as well and to start working with the RNN. He will meet with them the early part of next weekend and will bring this up. Thinks it is very much worthwhile.

Ed Thomas invited **Ed Hecker** to write up his thoughts and expand this into an article for the NHMA Newsletter. NHMA Admin will draft his report from the Minutes and forward to him to review and enlarge upon. That way we could cover this for the NHMA Board and also for the RNN Communities and anybody else who wants to hear about it.

Ed Hecker stated that his thought is to pull together the 2-pager or 1-pager that he mentioned in last month’s call. He will work to try and get that done fairly quickly so that those on the call can react to that. He may just work through Ed Thomas, initially, to identify who specifically would be part of this event. He would like to come up with a target date for an initial conference call and then we can work towards some specific actions from that. He will write it up his thoughts and also provide any additional words that NHMA Admin might need to include in the Minutes.

6) A Briefing on the FEMA Flood Mapping Program (Lillian Robison)

NHMA Admin to include in the Minutes a write up of Lillian Robison’s report to the Board on the FEMA Flood Mapping Program.:

Lillian Robison reported on the FEMA Flood Mapping Program:

- Lillian Robison shared what she has heard in several conferences this spring from leaders of FEMA talking about the future of the Flood Mapping Program.
 - This report will hopefully be a refresher, though some people may be hearing it for the first time. It is important to hear how FEMA is talking about the future of flood hazard mapping.
 - A lot is happening with RISK RATING 2.0, the reform or extension to the NFIP, and it is good to stay focused on what they say or the near-term priorities and trying to move toward the future of flood hazard mapping.
- To start, here are four items that have been stated by folks like David Marsted, Mike Graham and others; I will then emphasize a point made by David Marsted several times throughout the spring, as it relates to our organization and how we fit in and promoting natural hazard risk reduction and mitigation; and finally I wish to point you all to a piece of legislation coming out of the House Financial Services Committee - Bill 3167 regarding the reform of the NFIP.
 - The reason why this legislation is worth your time to look at is that it includes myriad concepts regarding evolution of flood plain management, insurance, mitigation, and some of the long standing matters that have really impeded a clear path forward to mitigation for this country.
 - It’s come out of Committee, high probability of going to the floor for a House vote;
 - given the politics it’s unlikely the Senate will approve it as is, there are likely to be some removals or changes.
 - It is a good piece to look at given where we are with expiration of the NFIP forthcoming without action from Congress.
- To begin, **here are the four future state elements:**
- No. 1: The future of Flood Hazard Mapping is Shift from a Binary to a Graduated Risk Analysis –
 - This is providing additional information beyond simply the 1% annual ___ in or out of the flood plain. Very exciting that moving towards graduated risk analysis and those types of data and products can enhance benefit cost assessments to make the case for mitigation. Good to look at.
- No. 2: Insuring a Significant and Appropriate Role for the Private Sector and State, Local, Tribal, or Territorial Entities -

- This is primarily focused on making room for the private sector to start to provide more of a role in offering flood related insurance coverage as a companion to NFIP in an increasing manner.
- No. 3: Increasing Access to Flood Hazard Data to Improve Resulting Action -
 - The hypothesis there is that with better access to all of the data FEMA estimated they've expended over \$4 Billion over the past fifty years and that it doesn't have a lot of accessibility to those who could use it to make the case for an informed action to reduce risk.
- No. 4: Improve the Management of the Flood Mapping Program and Streamline the Flood Mapping Process -
 - This primarily has to do with the very long-time frame it takes right now for a project to go from being a priority, being funded, moving through processes, etc.
- These are four clear statements from FEMA about the future of the Flood Hazard Mapping program we're moving toward.
- Final thought: Lillian has heard David Marsted express several times this spring that he's really looking for a call to action for programs inside of FIMA and Risk Management in particular, to look a lot more like a federally supported, state managed, locally executed in their composition.
 - What we're doing with the Resilient Neighbors Network to build capability for more resilience and higher quality of local execution and ownership of these programs is really excellent and is in lockstep with what FEMA at the federal level is saying they want their programs to be all about.

Lillian appreciated the Board yielding some time for her under the FEMA update to share these perspectives to help enhance some of the linkages between what we're doing within NHMA and under our grant to the FEMA Flood Mapping Program.

7) Review of Action Items

- Ed Hecker mentioned updates to the one and two-pagers; Ed Thomas and Gene Henry were to get together to make these snappier and pithier and developed to specific issues and matters around Modules 15 and Module 20 or any other Modules in the DRR Curriculum.
 - Ed Thomas and Gene Henry to continue work on this.
- NHMA Admin mentioned a discussion between her and Erin Capps about a putting in place a procedure for gathering feedback on the Modules - to make them available to RNN Community members to look at and help keep them updated and the material fresh.
 - NHMA Admin to get a note out to everyone about this at some point.
- Erin Capps mentioned that Vince Brown was going to schedule Laura Duff to come back in a few months to talk to the RNN about the *Tribal Mitigation Planning Handbook*.
 - John Wiener asked if we know anything about this webinar presentation in terms of public access. As soon as we have any information about it he would like to circulate it as widely as possible to the tribal communities.
 - Ed Thomas suggested asking Vince Brown for an answer to this question, and just say to him that we'd like to have any information he can provide as soon as it's ready to go.
- Erin Capps to discuss with Laura Duff about doing a webinar for us on the *Tribal Mitigation Planning Handbook* and will continue to loop Laura Duff in on our activities to keep her in mind for future calls and webinars.

DISCUSSION:

- Composition of the NHMA DRR Subcommittee was discussed; Erin Capps to clarify if it will be different or the same as the PMT.
- John Wiener suggested establishing within RNN and then outwards links to state meetings, regional meetings, events, etc. to try to engage with many people who are or should be RNN allies attending these meetings (such as local and regional planning associations; the American Public Health Association, etc.)
 - Splitting the cost of a literature table among several communities or RNN members could make it possible to have a presence there if the event is too expensive for an individual to attend.
 - Also, making our literature as easy to consume as possible – that is, making everything one-way, for example, offering materials that don't have to be separated, filled out and returned, etc.
- John Wiener mentioned the USGS Bulletin 17B which has come out and suggested we submit comments on it to FEMA.

- Ed Thomas shared that very few people are aware of Bulletin 17C; most flood plain managers that he's ever talked to don't even know about Bulletin 17B, from the old Water Resources Council. **Again, this is an opportunity to spread knowledge.**
- Ed Thomas suggested John Wiener is the best person to write something up on this in regard to what it does, what it doesn't do, and the implications particularly for flood plain management, in a way that folks can actually understand what is going on with this.
 - NHMA Admin to work with John Wiener in pulling an article together for the Newsletter and get it up on the Bulletin Board too.
- John Wiener to write this up and present potential comments to the NHMA Board for a vote to submit comments to FEMA.

8) RNN Future Activities

9) Discussion of Best Practices Documentation-New Best Practice on mitigation-based recovery with no Presidential Declaration: Joe Rossi and Coastal Coalition [Material sent separately] and Traci Sears from Montana

10) Next Steps for RNN-DRR Curriculum Future Meeting? Discussion of CTP Grant

a) New Grant requires NHMA and RNN to participate with and recommend other possible interested agencies for an advisory committee meeting in Washington D.C. – [Detail by John Wiener circulated with Minutes.] Possible other locations/dates

- Program Management Team of NHMA will be meeting and discussing a meeting of the RNN Communities.
- Per Ed Hecker's suggestion, PMT will try to work a meeting of the RNN Communities in with a session with FEMA and the Corps discussing next steps forward.
- Ed Hecker asked will the PMT discuss the Advisory Team requirement in the Grant at this meeting?
- Ed Thomas replied that this would be a good thing to do. He would love to have the RNN Community's views. He and Ed Hecker spoke yesterday about taking a look at going beyond the silos of hazard mitigation; looking at this from the perspective of where all the silos come together which is this enormous colloquia maxima that gets dumped onto the local official that's involved in hazard mitigation. If we can look at all the different silos and come up with a mosaic of whose doing what or ought to be doing what, then the folks who are doing this at the local level really are the ones that have got to be in the room.
- Ed Thomas and Ed Hecker discussed having some kind of meeting with FEMA and the Corps, and Ed Thomas suggested we do this using some of the CTP grant funds to really think about next steps moving forward. If that's okay with everybody, that would be a good thing to do. **This will be added to discussions when they have the meeting of the PMT.**
- Ed Hecker to be added to the PMT to include this thought in the discussion.

b) NHMA DRR Curriculum & Workshop Status:

- i) **Examining how to further improve fit of the RNN Curriculum to the needs of External Stakeholders; coupling better with existing courses: including FEMA, EPA, NOAA, NACo, NGO & private market courses?**
- ii) **RNN Volunteers for the development of the Disaster Risk Reduction Curriculum;**
- iii) **How to take advantage of the latest update from the Multi-Hazard Mitigation Council on the cost/benefit of Hazard Mitigation.**

c) Natural Hazard Conference

11) CTP Collaboration Monthly Call for Topics

Please keep in mind we have the *CTP Collaboration Monthly Call for Topics*.

12) Comments from Vincent Brown of FEMA on the many things happening at FEMA

Tabled until Vince Brown can join us to report on this.

13) Status of Island Press Interest, Articles for NHMA Newsletter and/or ABA

Please remembers we can always write stuff up within NHMA and if we do, we can probably get other people to print it too.

- Island Press is always looking for op ed pieces - they just published one by Harriet from the *Anthropocene Alliance* that they helped her develop.
- Stuff that we're developing for an NHMA Newsletter we may be able to get a broader audience looking at.

14) Adjourn

Meeting adjourned 12:03 p.m.

Next meeting is **July 26, 2019 at 11:00 a.m.** Eastern Time.

[ACTION ITEMS LIST FOLLOWS]

ACTION ITEMS:

June 2019 RNN Action Items List

Status of ABA Resilience Book (Ed Thomas)

(June-A1) Ed Thomas to talk to Gene Henry and Chuck Wallace about the contributions they will be making to the ABA Resilience book.

Status of Practical Community Resilience Project in South Carolina & Silver Jackets link (Ed Hecker)

(May-A1) Ed Hecker to speak with Ed Thomas and Tom Hughes about a summary report on the pilot project in South Carolina.

(May-A2) Ed Hecker to assist in the next step to develop and schedule a conference call/webinar between representatives of NHMA / RNN and the Corps and one or two members of the State Members of the Silver Jackets Community, as well as Professor David Vaughn of Clemson.

(May-A3) Ed Hecker to help come up with a target date for an initial conference call so we can work towards some specific actions from that.

(May-A4) Ed Hecker to help coordinate with **Ellen Berggren who indicated she would be willing to work with us to set up this event when we are ready to proceed.**

(May-A5) Gene Henry to pull in folks from his Neighborhood Resiliency Department and have them brought into this as well and to start working with the RNN.

(May-A6) Ed Hecker will work to pull together the 2-pager or 1-pager that he mentioned in last month's call.

(May-A7) **IN PROCESS** - Ed Hecker will write it up his thoughts on this and provide any additional words that NHMA Admin might need to include in the Minutes.

(May-A8) **DONE** - NHMA Admin to draft Ed Hecker's report from the Minutes and forward it to him for review and to enlarge upon for a Newsletter article.

Comments/Issues/RNN Community Sharing/Good News

(May-A9) **DONE** - NHMA Admin will write up a summary of Gene Henry's remarks for him to review and expand upon for the NHMA Newsletter and distribution to the RNN Communities.

(May-A10) **DONE** - NHMA Admin will write up a summary of Chuck Wallace's remarks for him to review and expand upon for the NHMA Newsletter and distribution to the RNN Communities.

Natural Hazards Mitigation Industry Association

(May-A11) Ed Thomas to pass on Gene Henry's comments to Rob Scott, about what a great resource a national Flood Industry Association would be for local communities.

A Briefing on the FEMA Flood Mapping Program (Lillian Robison)

(May-A12) **DONE** - NHMA Admin to include in the Minutes a write up of Lillian Robison's report to the Board on the FEMA Flood Mapping Program.

Review of Action Items

- (May-A13) Ed Thomas and Gene Henry to continue work on updates to the one and two-pagers to make these snappier and pithier and developed to specific issues and matters around Modules 15 and 20 or any other Modules in the DRR Curriculum.
- (May-A14) ***IN PROCESS*** - NHMA Admin to get a note out to everyone about putting in place a procedure for gathering feedback on the Modules - to make them available to RNN Community members to look at and help keep them updated and the material fresh.
- (May-A15) Vince Brown to schedule Laura Duff to come back in a few months to talk to the RNN about the *Tribal Mitigation Planning Handbook*.
- (May-A16) John Wiener to ask Vince Brown to make available any information about this talk as soon as it is ready to go, so we can circulate it as widely as possible to the tribal communities.
- (May-A17) Erin Capps to discuss with Laura Duff about doing a webinar for us on this to continue to loop Laura Duff in on our activities to keep her in mind for future calls and webinars.
- (May-A18) Erin Capps to determining the composition of the DRR Subcommittee – whether it will be different from the PMT or the same.
- (May-A19) John Wiener to write something up about the new Bulletin 17C and what it means and the implications particularly for flood plain management in a way that folks can easily understand what is going on with this.
- (May-A20) NHMA Admin to work with John Wiener on building this paper into an article for the NHMA newsletter.
- (May-A21) John Wiener to present potential comments on the Bulletin 17C to the NHMA Board and get a vote on making them available to FEMA for review.

Next Steps for RNN-DRR Curriculum Future Meeting? Discussion of CTP Grant

- a) New Grant requires NHMA and RNN to participate with and recommend other possible interested agencies for an advisory committee meeting in Washington D.C. – [Detail by John Wiener circulated previously.] Possible other locations/dates

- (May-A22) Program Management Team of NHMA will be meeting and discussing a meeting of the RNN Communities.
- (May-A23) Per Ed Hecker's suggestion, will try to work a meeting of the RNN Communities in with a session with FEMA and the Corps discussing next steps forward.
- (May-A24) Ed Hecker asked will the PMT discuss the Advisory Team requirement in the Grant at this meeting?
- (May-A25) Ed Hecker to be added to the PMT to include this thought in the discussion.

May 2019 RNN Action Items List

- (May-A26) Ed Hecker to speak with Ed Thomas and Tom Hughes about a summary report on the pilot project in South Carolina.
- (May-A27) ***DONE*** - NHMA Admin to bump item No. 10 up to the RNN Community Groups level on the next Agenda so Ed Hecker can give a mini presentation on the Status of Practical Community Resilience Project in South Carolina & Silver Jackets link.
- (May-A28) Erin Capps to update everyone on the CTP at the next meeting after Vince Brown and David Mallory talk.
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April 2019 RNN Action Items List

REVIEW OF ACTION ITEMS

- (April-A1) **IN PROCESS** - NHMA Admin to put the National Symbols Cache. <https://www.symbols.gov/> in the next Newsletter and get it up on both websites.
- (April-A2) **IN PROCESS** - Gene Henry and Ed Thomas to get together to make the one-pagers pithier and snappier and see if special one-pagers can be developed for specific issues/matters around Module 15 and Module 20, or any other Modules.

March 2019 RNN Action Items List

REVIEW OF ACTION ITEMS

- (March-A1) **IN PROCESS** - Barb Miller will invite Jenny Gannoway to talk at a future meeting about West Virginia VOAD's Bridge Project. *NOTE from Barb Miller: "When would be a good time to do this? I hesitated only because we seem to be having difficulties with time to get through our agenda. Let me know when you think would be a good time for her to do this and I will be happy to give her a call."*

PRESENTATION ON MITIGATION PLANNING BY LAURA DUFF, PLANNER AT FEMA

- (March-A2) Veronica Criscitiello to distribute a copy of the Planning Module to Laura Duff for her review and feedback.
- (March-A3) Laura Duff to look at the Planning Module and give some feedback.
- (March-A4) Tom Hughes to talk to Shannon Burke about going to the next APA Conference to try to interest university professors there in the DRR Curriculum.
- (March-A5) Tom Hughes to get with the APA about improving the Planning Module and putting parts of the Curriculum out as webinars.
- (March-A6) Vince Brown to schedule Laura Duff to come back in a few months to talk to the RNN about the Tribal Mitigation Planning Handbook.
- (March-A7) Erin Capps to discuss with Laura Duff about doing a webinar for us on that as well.
- (March-A8) Erin Capps expressed our hope to continue to loop Laura Duff in on our activities and keep her in mind for future calls and webinars

NEXT STEPS FOR RNN-DRR CURRICULUM FUTURE MEETING? DISCUSSION OF CTP GRANT

- (March-A9) Veronica Criscitiello to get the updated Curriculum Overview sent out to everybody.
- (March-A10) Ed Thomas and Erin Capps to arrange with David Mallory to make a frequent report (not less than once per month) to Vince Brown on the stuff we're doing with FEMA's investment to make sure that Vince is aware of how we are using these, and the leverage with the RNN Communities and the Best Practices we are developing, etc.
- (March-A11) Rebecca Joyce to put Module 24 – From Policy to Engineering: Earthquake Risks in the survey she is sending out to the RNN asking if anyone could help with looking it over for final review.

- (March-A12) **IN PROCESS** - Barb Miller to review Module 6 – Risk Assessment – *Barb Miller awaiting materials.*
- (March-A13) **IN PROCESS** - Veronica Criscitiello to send Module 6 – Risk Assessment to Barb Miller for review. – *Query sent on status. - KT.*
- (March-A14) Ed Thomas, Tom Hughes and Chuck Wallace to look at the Michael Gumpert Recovery Management Curriculum.
- (March-A15) Erin Capps to send the Michael Gumpert Recovery Management Curriculum to Ed Thomas, Tom Hughes and Chuck Wallace and then get back to Michael Gumpert and let him know.