



Hampton Roads Sea Level Rise/Flooding Adaptation Forum AGENDA

Wednesday, October 2, 2013

9:00AM – 3:00PM

Location: Ted Constant Convocation Center -- 4320 Hampton Blvd. Norfolk, VA 23529

[REGISTRATION REQUIRED](#)

8:30 AM – 9:00 AM	Registration and coffee/continental breakfast
9:00 AM – 9:15 AM	Opening Remarks and Introductions – Larry Atkinson , <i>Old Dominion University Climate Change and Sea Level Rise Initiative (CCSLRI)</i> and Ben McFarlane , <i>Hampton Roads Planning District Commission</i>
9:15 AM – 10:30 AM	Quantifying Risks of Climate Change and Sea Level Rise to Naval Station Norfolk (SERDP RC-1701) – Kelly Burks-Copes , <i>Environmental Laboratory, US Army Engineer Research and Development Center, Vicksburg, MS</i> (see bio and fact sheet below)
10:30 AM – 10:45 AM	Break
10:45 AM – 11:00 AM	Q&A and Discussion with Ms. Burks-Copes; Moderator - Ben McFarlane , <i>HRPDC</i>
11:00 AM – 12:00	Moving Forward: Next Steps for Confronting Increased Flood Risks – Molly Mitchell , <i>Center for Coastal Resource Management, Virginia Institute of Marine Science</i>
Noon – 1:00 PM	lunch
1:00 PM – 1:30 PM	Preliminary Findings from the Sept 13 th Conference: " Adaptive Planning for Flooding & Coastal Change in Virginia: Legal and Policy Issues for Local Government " – Molly Mitchell , <i>CCRM, VIMS</i>
1:30 PM – 2:00 PM	Overview of FEMA Advisory Sea Level Rise Mapping Pilot Efforts – Brian Batten , <i>Technical Leader/Senior Coastal Scientist, Dewberry</i>
2:00 PM – 3:00 PM	Discussion Based on Needs (see below) – Ben McFarlane, Moderator 1) Which specific topics/issues should we be looking at? For example, we need to pick a SLR curve to plan for. 2) How should we look at them? Continuing with the example: if we're picking a curve, how should we do it?



Version: 9/23/13

Registrants as of September 29, 2013

First Name	Last Name	Affiliation/Organization	Topic(s) you would like this Forum to address?
Doug	Allen	Marstel-Day	Present and potential DoD actions to help prevent flooding impacts; Possibilities of Federal installations working with surrounding community to mitigate flooding/climate change impacts; How can the Air Force Community Partnership initiative (public-public, public-private or P4) help mitigate flooding impacts?
Michael	Barbachem	URS Corporation	One of my areas of interest is the hydrology of climate change. We continue to use design precipitation events from the past while building new infrastructure meant to last decades. While downscaling from GCMs and RCMs is still an art (with mixed results), I believe that a conversation has to be had regarding adaptation design for precipitation.
Marcia	Berman	VIMS	Predictive models for sea level rise
Clay	Bernick	City of Virginia Beach Environment & Sustainability Office	Quantifying Risks from Sea Level Rise
Maura	Boswell	Moffatt & Nichol	How each facet of the SLR community (academic, private, government, etc.) can contribute to moving forward with implementing a comprehensive plan for the region.
Fred	Brusso	City of Portsmouth	Regional use of Kellyy's work and regional activities ie publicity, regulations.
Mark	Bushnell	CoastalObsTechServices LLC	Large swaths of privately held land will eventually become uninhabitable, far more than can be bailed out by governments. Private owners will simply lose the value of their submerged land, and the local tax base will shrink. What are the economic forecasts (granted, already notoriously inaccurate) for Hampton Roads? Ethics and wisdom of selling at-risk coastal property to SLR nay-sayers.
Holly	Carpenter	USACE Norfolk	Sea Level Rise General
Ellen	Cava	US Coast Guard	I have no topics to address, but I am interested in the presentation addressing climate change and Naval Station Norfolk.
Jamie	Clark	City of Newport News	Latest information regarding sea level rise and how it will affect private property owners as well as coastal/shoreline projects.
Andrea	Clontz	Isle of Wight County - Emergency Manager	Practical mitigation efforts for dealing with the life safety issues associated with increased flood risks.
Steve	Curtis	Collins Engineers	I'm participating on an ASCE-COPRI committee proposing a set of design guidelines for waterfront, offshore and coastal infrastructure, geared towards the marine industry's adapting and mitigating for forecasted climate change and sea level rise impacts. I'm interested in the Norfolk Naval Station segment of the forum.
Russell	De Young	NASA Langley	sea level future modeling
Kevin	Du Bois	Norfolk Department of Planning	Efficient integration of TMDL, new stormwater regs, and sea level adaptation strategies. looking at the overlap in policy/goals among new stormwater regs, TMDL requirements, and adaptive strategies (like retreat) for SLR.
Joseph	DuRant	NN City Attorney's Office	Legal issues
Emily	Egginton	VIMS	How the risk assessment for the Norfolk and Langley base compares to other military installations.



Tal	Ezer	ODU	all issues of SLR
Anthony	Farmer	NAVFAC Mid-Atlantic	Effects of flooding on coastal infrastructure.
Anne	Garland	Applied Research in Environmental Sciences Nonprofit, Inc.	Has there been any progress in the ODU Forum to collaborate with government administrations (appointed and elected staff), realty companies, and the flood insurance companies for this region? Can you invite them as panelists for the forums so the environmentalist, researchers, public utilities, planners, and emergency managers of the region can discuss comps at a series of forums with these players of the SLR Risk puzzle?
Gayle	Hicks	City of Hampton	regional standardization of SLR used for planning purposes regional standardization of engineering standards discussion on EPA planning tools utilized for SLR planning
Angela	Hopkins	Department of Planning	How to address sea level rise in comprehensive plans or other local regulations?
Shereen	Hughes	Wetlands Watch	I would like to see a significant amount of time set aside for an open forum to follow up with questions/concerns/discussion points from the previous forums as well as the Oct. 2 speakers. We could ask for updates from different forum members...maybe preliminary findings from the W&M Forum: "Adaptive Planning for Flooding & Coastal Change in Virginia: Legal and Policy Issues for Local Government" on 9/13/13.
Shannon	Hulst	Wetlands Watch	NA
David	Imburgia	City of Hampton, VA	Picking a curve - which SLR scenario should we plan for? Incorporating SLR into comprehensive plans Re-inventing Hampton Roads in light of SLR predictions, the bright side?
Eric	Jabs	ODU CCPO	Who ordered and funded the study?
Brian	Joyner	Moffatt & Nichol	Funding our adaptation to recurrent flooding issues, including allowance for sea level rise over time. i.e. how much can be done with existing funding streams as ongoing work, vs. funding that needs to be put aside incrementally, far in advance, to be able to afford certain measures down the road when they are most needed. Mechanisms communities and other entities have created to allow for funds to be put aside, even to grow(!), as a flooding / adaptation fund. Funding again: How are communities and private entities actively planning to spend money in the future (rather than right now) on physical flood mitigation measures, since we hope that in the future we will be able to see which "curve" of sea level rise we are actually experiencing.
Janet	Krenn	Virginia Sea Grant	na
Seamus	Mccarthy	City of Norfolk	Flooding Adaptation
Benjamin	McFarlane	HRPDC	NA
George	McLeod	ODU	Moving forward from discussion to action
Whitney	McNamara	City of Virginia Beach	How we can work together as a region to move forward with planning for SLR
Molly	Mitchell	VIMS/CCRM	Next steps for coastal localities
Lenny	Newcomb	City of Norfolk Planning	Expand the topic to include the impacts of sea level rise upon theentire City of Norfolk
Jeff	Orrock	NOAA / NWS	Development of mitigation strategies and ways to best educate key deicision makers.



John	Paine	URS	How to motivate political decision makers to act responsibly in minimizing future problems associated with Sea Level Rise. We need to move, as scientists and engineers, beyond the science and engineering or nothing will improve. Finding political champions.
Kimberly	Peterson	HRSD	Increased flood risks and planning for future underground infrastructure.
David	Pezza	Old Dominion University	I do not have any recommendations.
Meredith	Phillips	USCG	preparedness/emergency management/public outreach-awareness
Hans-Peter	Plag	CCSLRI, Old Dominion University	.
Phillip	Roehrs	City of Virginia Beach	moving forward
Sam	Sawan	City of Chesapeake	How to deal with tidal flooding
Liz	Scheessele	Timmons Group	funding opportunities
Everett	Skipper	City of Newport News - Engineering	Stormwater Design Regulations
Liz	Smith	ODU Climate Change and SLR Initiative	How will SLR and increased, recurrent flooding affect businesses in Hampton Roads?
Kevin	Smith	Fugro	Adaptation strategies, identifying regional opportunities to collaborate between municipalities, between municipalities and federal government entities (e.g. USACE), post-Sandy World - what does this mean for Hampton Roads? Is there momentum that can be taken advantage of to heighten coastal flooding awareness and progress SLR and flood mitigation efforts (research oriented or practice)
Burton	St. John	ODU	The anticipated risk factors for increased SLR -- what harms may come to infrastructure and socio-economic structures in the area.
Tom	Steinfeldt	Georgetown Climate Center	How best to engage state-level officials in Virginia on policies and actions to address increased flood risks and sea-level rise. How the military is/would like to work with state and local officials to address the risks of climate change and SLR. Is such collaboration a potential way to fund actions to address the risks?
Brian	Swetsb	City of Chesapeake	flood
Robert	Tajan	City of Norfolk	Use of the CRS program (and its principles) to help mitigate/prevent impacts of flooding and how to unify resources across the region to provide access to points/credits that individual localities would have a hard time achieving.
Forbes	Tompkins	World Resources Institute	Recent studies and assessments seem to be providing local governments and decision makers with extensive information regarding of a menu of potential adaptation strategies particular to the Hampton Roads area. As a better understanding of these potential strategies continues to be gained, what are the remaining (new?) key challenges to transitioning these strategies from theory to real world implementation?