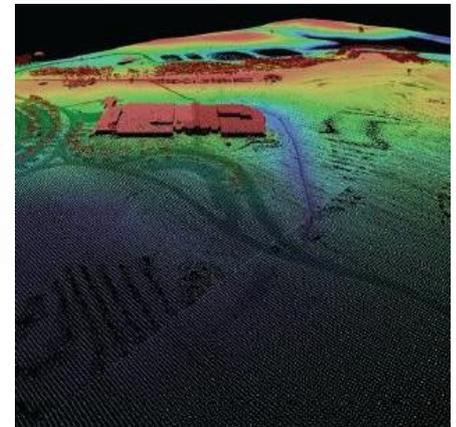
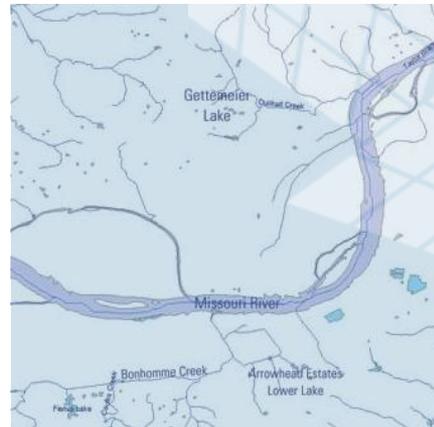
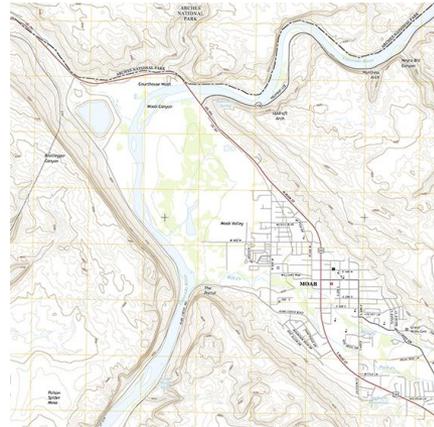




# 3D Elevation Program Stakeholder Meeting April 15, 2015



FGDC Coordination Group  
June 2015

# + 3DEP Stakeholder Meeting - Background

- Systematic acquisition of nationwide enhanced elevation data over 8 years
- Lidar over Continental U.S., Hawaii, Puerto Rico and U.S. Territories
- Ifsar over Alaska
- Address the requirements of 34 Federal agencies, 50 states and local, tribal, and private organizations.
- 5:1 investment on return
- \$690 million annually in benefits

# + 3DEP Stakeholder Meeting - Attendees

- Purpose: Provide status, discuss strategies, challenges and opportunities to fully implement 3DEP in collaboration, 30 participants; 25 observers
- 3DEP Executive Forum (represented by FEMA, NOAA, NRCS and USGS)
- American Society for Photogrammetry and Remote Sensing (ASPRS)
- Association of American State Geologists (AASG)
- Association of State Floodplain Managers (ASFPM)
- Coalition of Geospatial Organizations (COGO)
- Management Association for Private Photogrammetric Surveyors (MAPPS)
- National Geospatial Advisory Committee (NGAC)
- National Society of Professional Surveyors (NSPS)
- National States Geographic Information Council (NSGIC)

# + 3DEP Stakeholder Meeting - Speakers

- John Palatiello, Executive Director, MAPPS
- Camille Touton, Counselor to the Assistant Secretary for Water and Science Department of the Interior
- Kevin T. Gallagher, Associate Director for Core Science Systems, USGS
- Juliana Blackwell, Director, National Geodetic Survey, NOAA and Michael Tischler, Director, National Geospatial Program, USGS
- Doug Bellomo, Director, Risk Analysis Division, Federal Insurance and Mitigation Administration, FEMA and David Smith, Acting Deputy Chief for Soil Science and Resource Assessment, NRCS
- Gary Thompson, North Carolina Emergency Management

# + 3DEP Stakeholder Meeting - Speakers

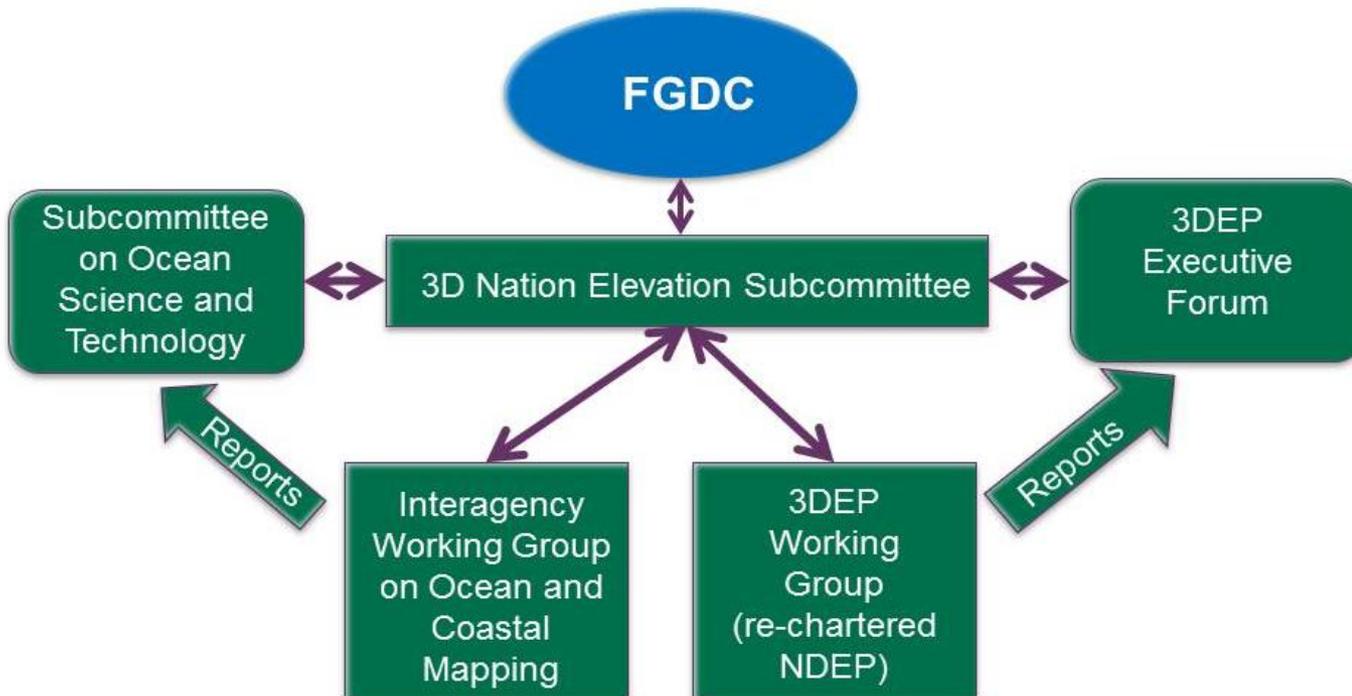
- John Palatiello, Executive Director, MAPPS
  - [www.3DEP4America.com](http://www.3DEP4America.com)
  - Coalition of association external to the federal government
  - Single message to deliver
  
- Camille Touton, Counselor to the Assistant Secretary for Water and Science Department of the Interior
  - Importance of 3DEP to DOI
  - Public/Private partnerships, appropriate roles
    - Public – critical public domain data
    - Private – provisioning data, operational expertise and capacity
  - Meeting goal
    - Shared understanding of activities
    - Discussion of needs and ideas for collaboration

# + 3DEP Stakeholder Meeting - Speakers

- Kevin T. Gallagher, Associate Director for Core Science Systems, USGS
  - Progress to Date
    - Infrastructure, plans, specifications, inventory, contracting and BAA
  - FY15 BAA
    - \$50 Million in proposals,
    - \$10 Million in funds from USGS, FEMA and NRCS yields \$27M total value
    - \$40 Million of proposed contributions unmet
  
- Juliana Blackwell, Director, National Geodetic Survey, NOAA and Michael Tischler, Director, National Geospatial Program, USGS
  - 3D Nation – combines 3DEP, Grav-D and coastal topo-bathy mapping
  - FGDC subcommittee

# + 3DEP Stakeholder Meeting – 3DEP Proposed Governance Structure

## + Proposed Governance Structure



# + 3DEP Stakeholder Meeting - Speakers

- Doug Bellomo, Director, Risk Analysis Division, Federal Insurance and Mitigation Administration, FEMA and David Smith, Acting Deputy Chief for Soil Science and Resource Assessment, NRCS
  - Positive impacts on decision makers and citizens – flood insurance
  - FEMA - Investing mostly through 3DEP and BAA
  - FEMA - Presidents budget could double investment in lidar
  - NRCS - Strong supporter for national approach, funding
  - NRCS – Support State Conservation Districts, dam rehabilitation, erodible land
  
- Gary Thompson, North Carolina Emergency Management
  - Refreshing statewide lidar, QL2
  - Funded by real estate transaction fees
  - Cost and time savings'
  - Support navigable streams, wetlands, precision farming, irrigation, ...

# + 3DEP Stakeholder Meeting - Discussion

- How to bring independent stakeholders into a Statewide plan?
  - Develop multi-year plan
  - Need good geodetic control
  - Fee on transactions for funding
  - Coordination help from National Map Liaisons
  - BAA public meetings
  
- What other organizations should be invited
  - NGO's (Ducks unlimited, The Nature Conservancy, etc.)
  - Society of American Military Engineers
  - National Emergency Managers Association
  - American Society for Civil Engineers
  - Western Governors' Association
  - The National Geographic

# + 3DEP Stakeholder Meeting - Discussion

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- Tools to help outreach
  - National Map Liaisons provide briefing to state and local meetings
  - Success Stories from BAA selectees
- Funding is missing – who should be part of non-federal agency coalition?
  - ASFPM Policy plan supports 3DEP funding
  - Are there major commercial funders?
  - An association of “unlike-minded” groups (flood plain mapping example)
  - Private sector has most to gain, should take the lead
- COGO Report Card
  - Draw attention to effective and ineffective programs – including funding issues
  - C+ grade could be misunderstood by appropriators, have negative impact
  - COGO must communicate correct meaning and desired outcomes

# + 3DEP Stakeholder Meeting - Actions

- MAPPS proposed to form a 3DEP coalition and invite the broader, non-Federal community to join the effort. A follow on meeting will be organized and some of the suggestions for materials will be taken up in that group.
- The USGS will continue outreach to other Federal agencies and will consider the suggestions for tools and materials that will support general 3DEP communication.
- North Carolina will share additional information about its real estate transaction fee and funding for their lidar program.

# + Contacts

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