

In the Shadows of Notre Dame

Geographic Information Science, Three-Dimensional Mapping and Cultural Heritage Preservation

GIS DAY 2019 / November 13th

8:30 AM-3:30 PM

Library of Congress Thomas Jefferson Building, Room LJ-119

Keynote Remarks by Senator John Boozman (AR)

Co-Chair Congressional French Caucus



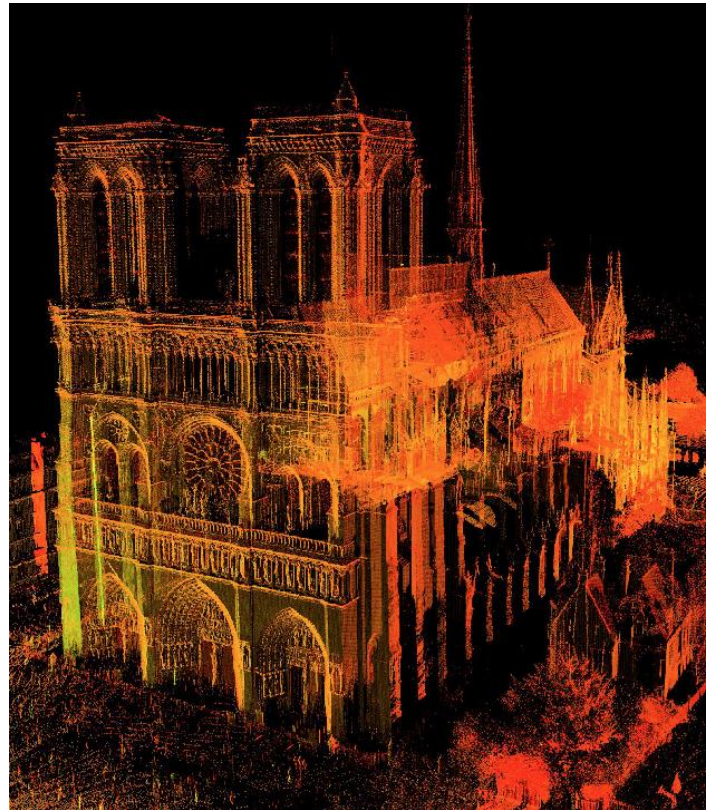
The fire that whipped through the great Cathedral of Notre Dame in Paris, in April of 2019, stunned people the world over. Like the archaeological sites in the Middle East that have recently disappeared because of terrorism and war, this iconic symbol of cultural heritage reminded us of both our shared humanity and our mortality.

Today the combined technologies of digital mapping, laser imaging and computer vision, while not able to bring back what has been lost to the ravages of time and disaster can, at least, give us hope that some of what these architectural wonders meant to the world can be restored. This conference, which celebrates Geographic Information Sciences Day 2019, brings together speakers from across the technological spectrum to talk about how these technologies are employed in cultural heritage preservation and why their systematic application is so important to maintain our shared historical past.

Preliminary Program

Morning

- **Welcome and Introduction of Librarian** –Paulette Hasier, Chief, Geography and Map Division
- **Opening Remarks**, Librarian of Congress --Carla Hayden
- **Cultural Heritage Preservation, Mapping and Congressional Policy** –Senator John Boozman (AR)
- **Notre Dame and its Aftermath** – Andre Comeaux, Preservation Architect, Cathedral Reconstruction Team
- National Park Service-- **GIS, Disaster Response and Cultural Heritage Preservation** –two talks, one by Diedre McCarthy, Chief, Cultural Resources GIS Facility, NPS & one by Catherine Lavoie, Historic American Buildings Survey, NPS.



Afternoon

- **Historic Building and Engineering Archives in Cultural Preservation** –Mari Nakahara, Prints and Photographs Division, Library of Congress
- **Three-Dimensional Mapping, Advanced Spatial Analysis and Cultural Preservation** –Kenneth Walton, National Capital Planning Commission
- **Drones over Lhasa: documenting UNESCO Heritage sites using 3D mapping and GIS** –Scholars Lab, University of Virginia.
- Closing Remarks, **The Future of Computer Vision and Cultural Heritage Preservation** –John Hessler, Specialist in Computational Geography & Geographic Information Science, Library of Congress

2:30-3:30 Joint Open House of the Geography and Map Division & Prints and Photographs Division in the Geography and Map Reading Room.