

Objectives

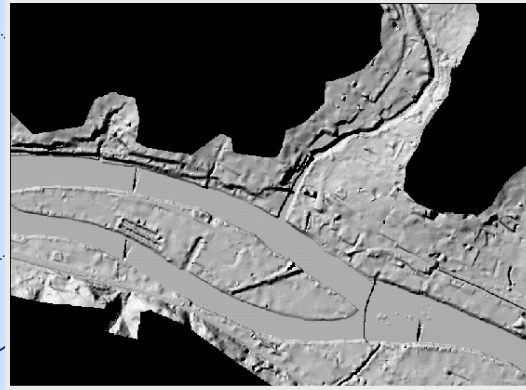
- Provide a detailed overview of the map modernization project.
- What can local governments do to make the most of the flood mapping process?
- Recommendation for floodplain regulations that would be beneficial for South Carolina communities to adopt.

Digital FIRM



Base

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Topography

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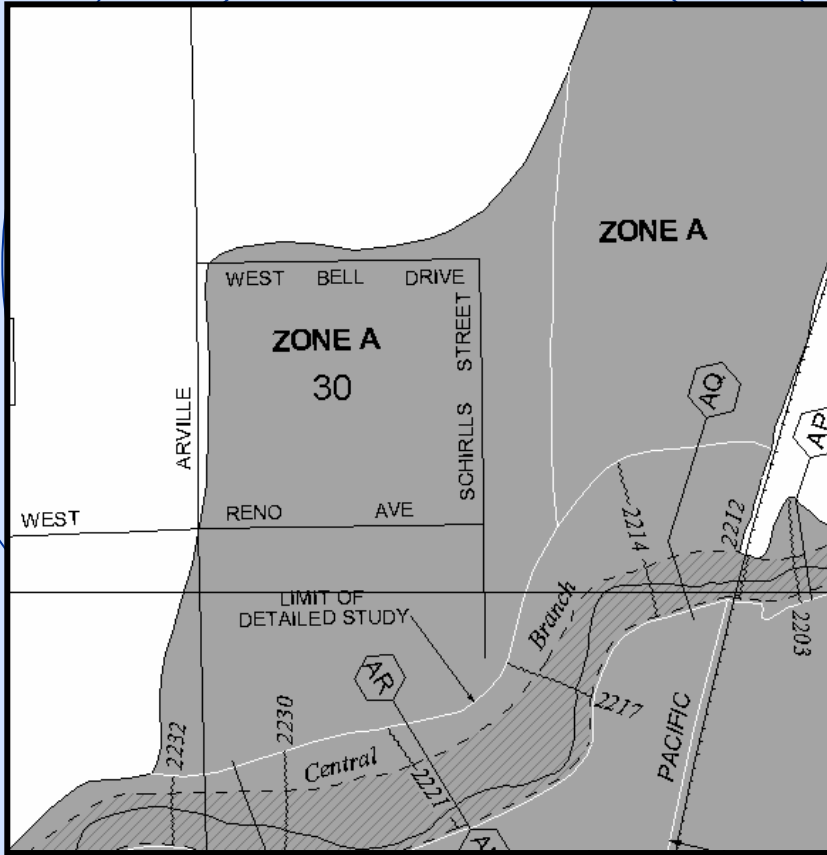
Flood Data

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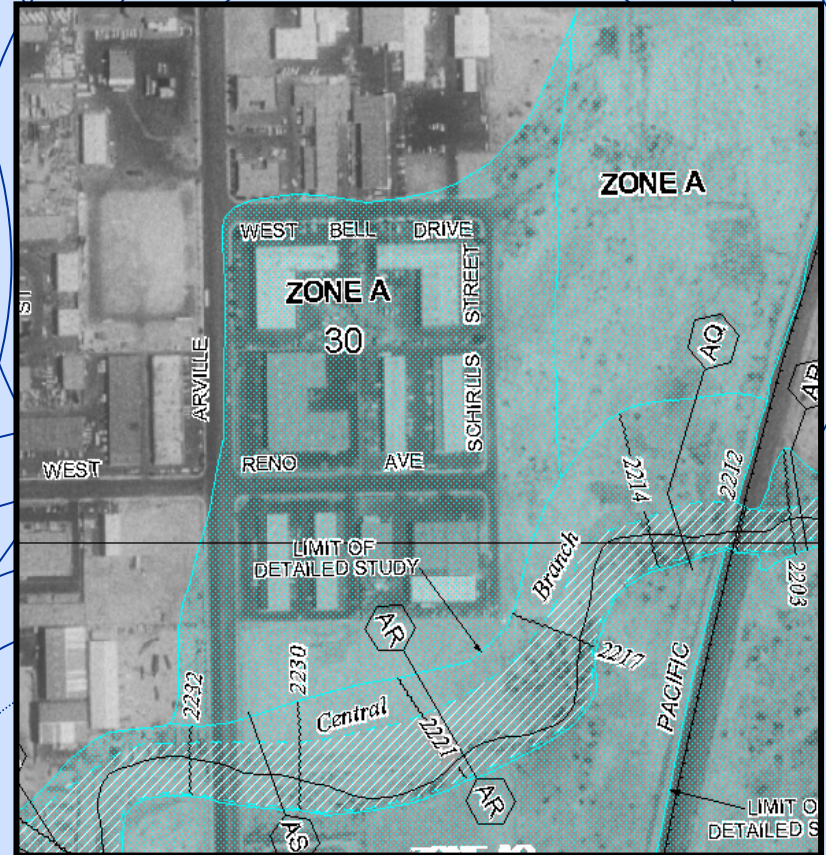
**Digital
FIRM**

DFIRM Examples



**Vector
Base Map**

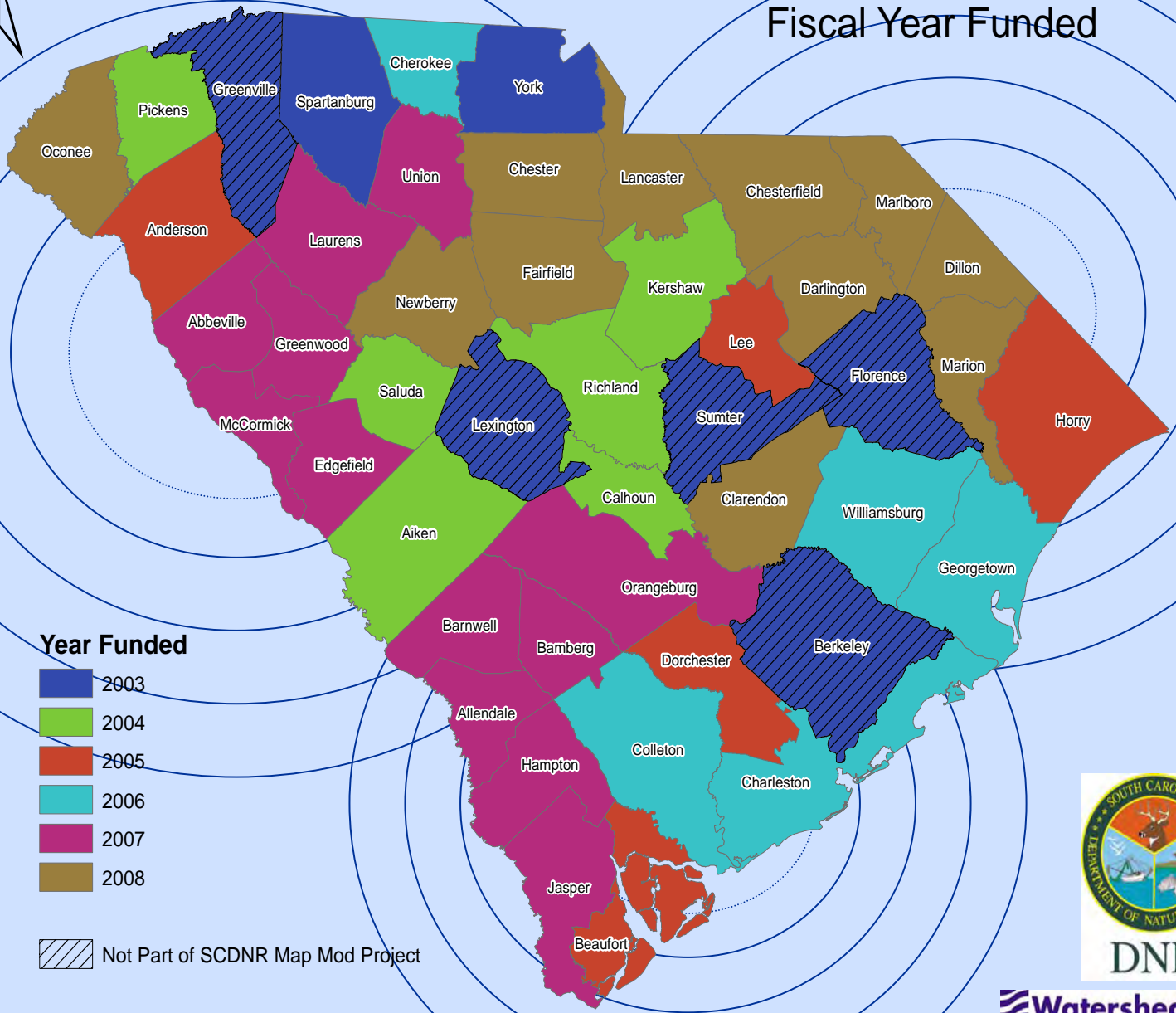
Paper Version



**DOQ / Raster
Base Map**

On-line View

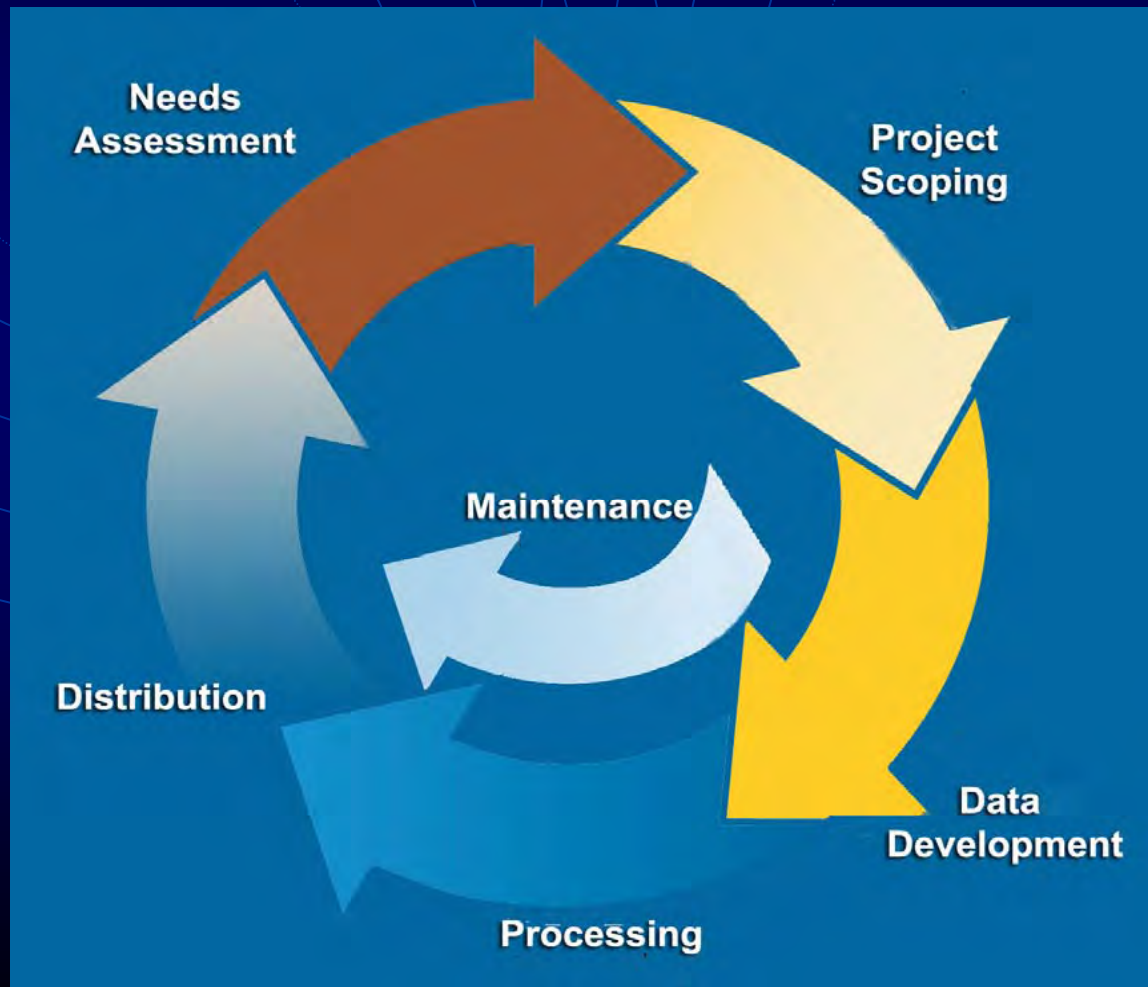
South Carolina Flood Map Modernization Fiscal Year Funded



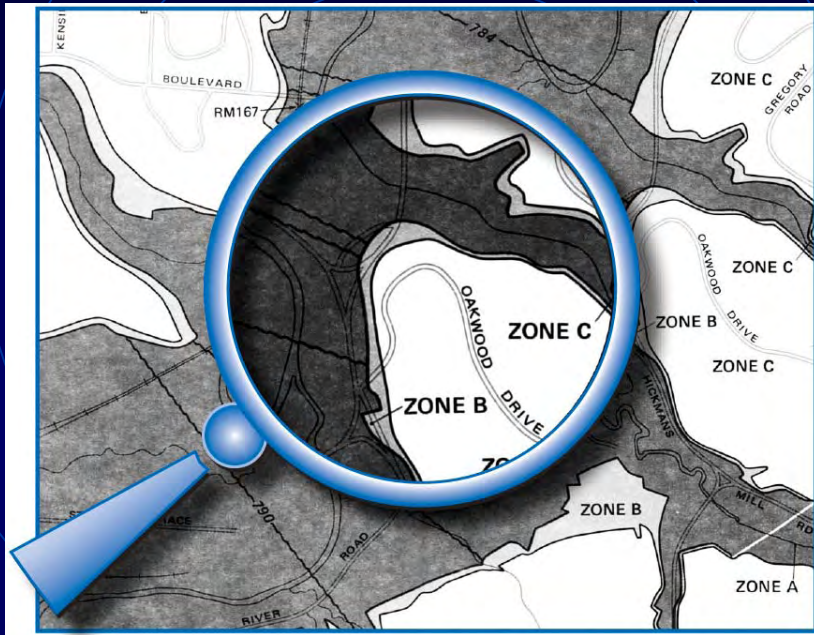
DNR



Tools for the Full Life Cycle of Data Development



FIRMette: Flood Maps On-Line



You can order paper maps or digital maps on CD-ROM.

- You can find and print a FIRM by using FEMA's on-line tools.
- Go to <http://www.msc.fema.gov>.
- Click "Map Search" link (top of page) and select "Public Flood Map" from the product pull-down menu.
- Enter the address and click the "Go" button.
- On the Map Search Result Page, click the green "View" button (far right).
- When the map appears, drag the red translucent box to the area you want to print.
- Select paper size and select the scale, north arrow, and title block.
- Your FIRMette will be displayed and you can print or save the file as an Adobe Acrobat (pdf) or graphic image file (gif).

The background of the slide is a dark blue color. It features several overlapping circles of varying sizes, drawn with thin, light blue lines. These circles are arranged in a way that they partially overlap each other, creating a pattern reminiscent of a Venn diagram or a decorative graphic. The text is centered in the upper half of the slide.

What can Local governments do
to improve the quality of their
flood maps?

What can local governments do to improve the quality of their flood maps?

- LiDAR
- Map future conditions
- Require the current effective model to be updated with new development – cumulative impacts
- Require flood studies in non-detailed areas

Beneficial Floodplain Regulations

- Compensatory Storage
- Zero impact floodways/cumulative impacts
- Freeboard
- Substantial Improvement/Damage thresholds
- ICC /Repetitive Loss
- Critical Facility Protection
- Use restrictions that are a health or safety hazard

Recommended websites for more information

- SCDNR
<http://www.dnr.sc.gov/water/envaff/flood/scnfip.html>
- FEMA www.floodsmart.gov
- Association of State Floodplain Managers
www.floods.org

Contact Information

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