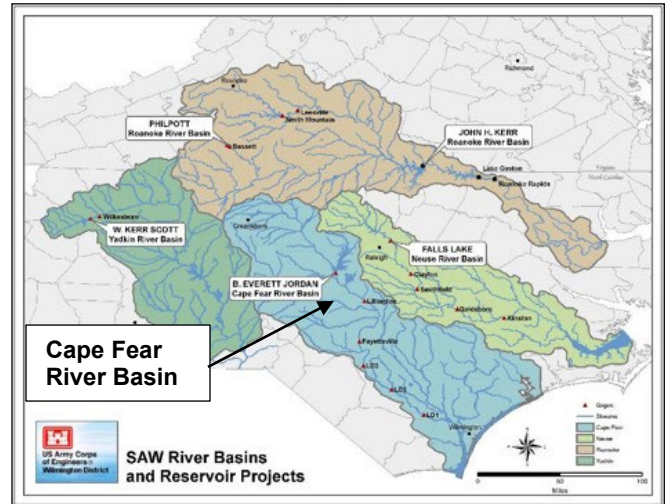




**US Army Corps
of Engineers**
Wilmington District

Cape Fear River Basin, NC Flood and Coastal Storm Risk Management

- **Potential New Feasibility Study**
- **Authorized in WRDA 2022**
- **Study Area Impacted by Hurricanes Matthew (2016) and Florence (2018)**
- **Sponsor: State of North Carolina**
- **Study Cost: \$3,000,000 cost shared 50% federal, 50% non-federal**



CONGRESSIONAL DISTRICTS: NC-2, 4, 6, 7, 9 and 13

DATE: 10 MARCH 2023

1. **AUTHORIZATION:** Water Resource Development Act 2022
2. **LOCATION AND DESCRIPTION:** The Cape Fear River Basin is in the central and southeastern portions of North Carolina and is the largest basin located entirely within the state of North Carolina encompassing 9,300 square miles. The basin contains portions of 26 counties including the cities of Greensboro, High Point, Burlington, Durham, Fayetteville, and Wilmington. The Cape Fear River is formed by the confluence of Deep and Haw Rivers located about 30 miles southwest of Raleigh, NC, and just downstream of USACE's B. Everett Jordan Dam and Reservoir.
3. **PURPOSE:** Conduct a study to determine the feasibility of structural, non-structural and/or natural/nature-based measures that could be implemented to reduce overall flood risks in the basin. Hurricanes Matthew and Florence caused record flooding within the study area. These and other non-hurricane events have caused damage to numerous residential, commercial and public structures as well as flooding of critical transportation infrastructure and evacuation routes.
4. **COST ESTIMATE:** Feasibility Study Phase:

\$ 1,500,000	(Federal)
<u>\$ 1,500,000</u>	(non-Federal)
\$ 3,000,000	Total
5. **FEDERAL FUNDING ALLOCATION THRU FY 2023:** \$0.
6. **FY 2024 PRESIDENT'S BUDGET:** \$0. Funding the amount of \$500,000 could be used to initiate the feasibility study.

POC: Bob Keistler (910) 251-4709