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Research topics:

- Sustainable concrete systems
- Composite reinforcement for concrete structures
- Development of guides, specifications and codes
- Laboratory validation
- Field applications of reinforced and prestressed concrete:

- Coastal structures
- Bridge structures
- Buildings
- Foundations



Precast-concrete dock modular-system & cast-in-place seawall



GFRP double mat for bridge deck reinforcement & pile cap



BFRP-reinforced topping slab in high-rise building & GFRP-reinforced masonry wall



Partially prestressed 18"x18" pile using pretensioned #4 GFRP bars & auger-cast piles

