

G 1 - G 3 VERTICAL STUDIO ON WATER AND LAND

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FOCUS

This studio invites students to work with current technology (**Internet of Things, point clouds, artificial intelligence, and digital twins**) as tools and instruments that will help design and articulate proposals in a contemporary manner. The design studio will focus on the concept of **FLUID within Landscape Architecture**. The projects must consider such a concept as a driving compass as they will encounter it throughout their work, **rendered as a flood of data, water, and people**. Student's work will entertain interventions underwater, at the shoreline, and on land.

DESCRIPTION

The design studio focuses on **developing and revitalizing** privately owned vacant properties along the **Ribault River contaminated with incinerator ash**. The City has nearly completed the remediation process for residential parcels in the **Gold Merit and Pope Place Ash Site** area and is actively working towards purchasing these properties. This design studio aims to transform these areas into a **safe, accessible, and sustainable public space**. Through collaborative efforts and **strategic planning, the project in this design studio** aims to remediate contaminated land, protect against flooding, and provide valuable community amenities.

DESIGN BRIEF

The design brief focuses on the **interface between water and land in Jacksonville**, emphasizing the **restoration of the natural landscape and contamination mitigation**. Projects should enhance **flood protection** while prioritizing **sustainability**. Key design elements include the design of **public parks and flood-resilient infrastructures** to activate the selected areas. Students will test their design in hazardous situations, such as the storm surge inundation caused by Hurricane Ian in 2022. The studio is partnering with **St. John Riverkeeper**, which has focused on preventing new home construction in flood zones and advocating for increased public access and natural buffers.