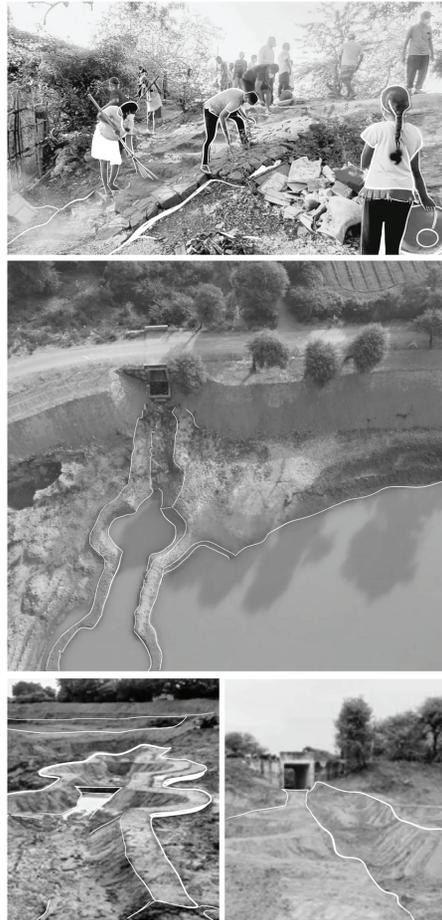


01 WATER - THE CULTURAL HERITAGE

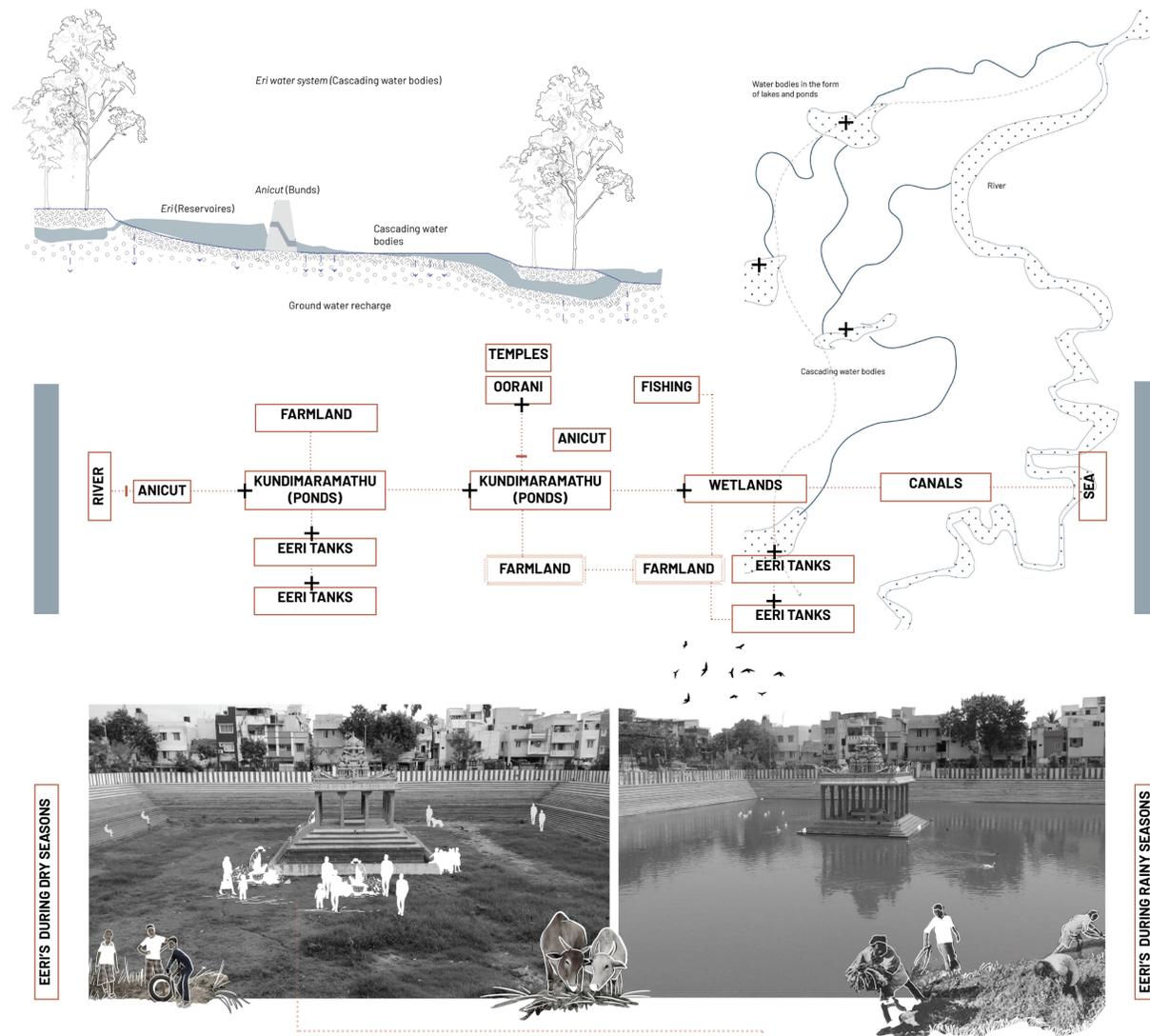
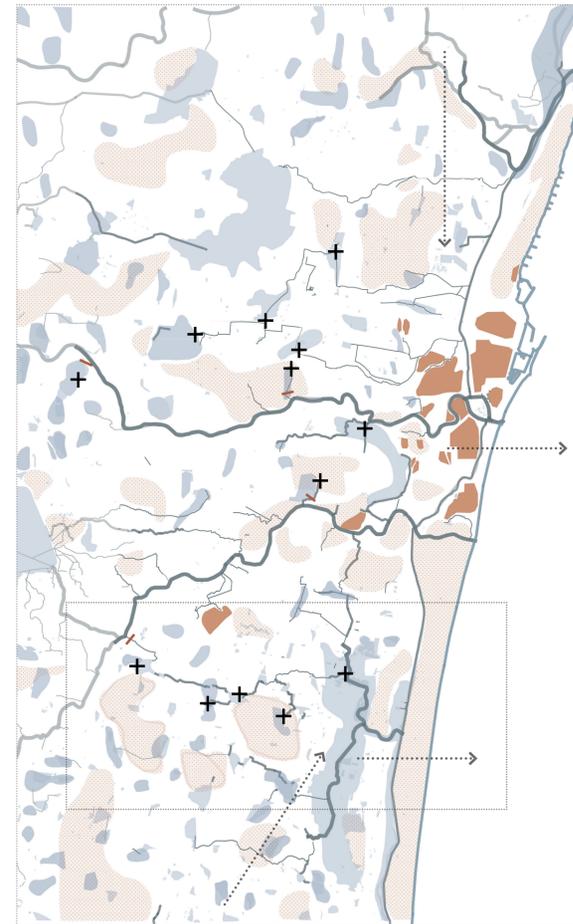
HOW THE CHANNEL SYSTEM WORKS



Water channel digging - Cultural Practices - Community engagement



WORKING OF THE ECOSYSTEM



TRADITIONAL RAINWATER COSEVATION IN CHENNAI

Water, a finite resource essential for life, becomes increasingly scarce as the population and water consumption grow. Recognizing this, the ancestors of Tamil-speaking regions developed various water conservation methods suited to their diverse landscapes, which remain relevant today.

Eri

In Tamil Nadu, an ancient system called Eri was created to maximize rainwater usage. Eris, or tanks, are among India's oldest water conservation systems. they act as Water Storage, Flood Management, Erosion Prevention, Groundwater Recharge, Rainwater Utilization



Kudimaramathu

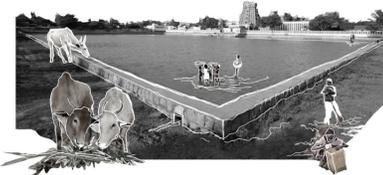
Kudimaramathu is a traditional practice involving community participation in maintaining irrigation systems.

Historically, villagers engaged in deepening and widening lakes and ponds to restore them. Applied nutrient-rich silt from water bodies to their fields and ensured Collective Ownership. This practice promoted a strong sense of community responsibility and care for water bodies.



Oorani

Similar to Eris but primarily for drinking water, Ooranis are smaller and shallower. They ensure a reliable supply of potable water, especially in areas without other water sources.



Revitalizing these traditional methods can help address contemporary water scarcity challenges. The Eri and Oorani systems, along with the community-centric Kudimaramathu practice, offer sustainable, time-tested solutions that can be crucial in managing water resources effectively amid growing demand and climate change.

I sell the vegetables in the nearby market

We work here every day, grow seasonal vegetables and irrigated with the water from the eeri's

I work for the fisherman helping with the collection of the fishes and selling them to the bigger market.

we earn money by collecting all the garbage from the dumpyard to the sewage treatment region.

Waste segregation is our ancestral business.

I work with the priest and the temple maintenance department. we collect the siltation every week.

The silt from the water-bodies is auspicious for us. we preserve it in our houses.

we come every weekend to celebrate the water. its part of our culture and rituals.



We use the ooranis for washing of the clothes. During shortage of water we use these spaces for our daily chores.

