The Living Archive and the Sublime Nature of the Anthropocene: A Design Studio Model

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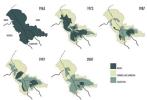
At the 2015 UN Conference on Climate Change in Paris France, 195 nations reached a decision to commit to decrease the severe effects of climate change on the planet. As we embark what some call the Anthropocene Era, we bare witness to how civilization has impacted the Earth's ecosystem, diminishing its resources and threatening its biodiversity. With this shift in our ecosystem, a new pedagogical model for a graduate architecture studio responded to the Anthropocene through a technologically sublime intervention: The Living Archive, a new architectural type capturing the magnitude of Earth's inevitable transformation. The 'living archive' program is not meant to be a stable, secure vessel but uses technological invention to bracket what is being invaded by human existence. Through the invention of an 'archiving machine', the studio used technological speculation to question what nature can or will become. The aim was to use 'living archive' as a physical commentary or critique on our current relationship to the environment. The poster describes three studio projects that speculate on the inevitable future of different environments. Through analysis, technological research, and formal aspirations, each project embodies a potential reality and potential future of the Anthropocene.

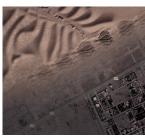
The Living Archive Scenario is that the environment and its water bodies are changing for the worse, potentially flooded, absorbed, melted, dried up, or obsolete. As a project, the archive becomes its own critique on the abundance of global and ecological change happening in the world today. The living archive is not a stable, secure vessel but preserves the environment by using technological invention to frame what is being invaded by human existence. The production of nature, is the belief that societies make nature and force us to consider what nature has been and may yet become (Gissen 2010). With the production of nature, there is an opportunity for a living archive to frame new potential in the role of production within a particular environment that is no longer productive or has

the potential to become more so. Through the invention of an archiving machine, the studio used technological speculation as a way to define a new architectural type of production that questions what nature can or will become. The 'living archive' as a machine becomes a design speculation that reveals the sublime nature of a place, its impact on culture through new technological intervention, and its position within the context of the Anthropocene.

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THE LIVING ARCHIVE





SITE PLAN OF DUNESCAPE STRUCTURES IN DAMMAM, SAUDI ARABIA.
DUNE AND SAND STORM PATTERNS WERE STUDIED FOR THE DESIGN OF THE MACHINE'S SKELETON TO CAPTURE SAND.













