MSSD SYNTHESIS PROJECT
FINAL REVIEW
| THURSDAY DEC 12 | 10:00am-2:00pm | CFA 206B & 211 |

10:00am - 10:45am | Komal Keshav Ganoo
Green Infrastructure as Urban Acupuncture: Scenario based design workflow for evaluating socio-environmental imapct of GI for urban storm water applications.

10:45am - 11:30am | Yi-Jia Liao + Nihar Pathak
Architecture of Bioplastics: Mapping the potential of increased biodegradability in bio-plastics on design implications, material strength and life cycle assessment.

11:30am-12:15pm | Pragya Gupta
Architecture of Rammed Earth: Implications of surface geometry on design variability for contemporary formations of thermally performative Rammed Earth wall panels. (With support of GSA/Provost GuSH Grant)

~ 15 min break ~

12:30pm - 1:15pm | Siddharth Ghoghari
A Geometric Approach to Climate Based Massing Design in High Density Districts: Parametric form development for high-rise residential buildings in Mumbai incorporating strategic zoning and environmental data feedback.

1:15pm - 2:00pm | Rulji Sun
Optimizing thermal comfort and energy usage: Integrating HVAC systems design and Building Energy Modeling workflow using gbXML data model.