***Proposal Template:*** *Proposals are limited to three pages, not including supportive documents such as publications or letters of support—please delete this guidance when submitting your proposal.*

**Submission deadline**: February 14, 2020, 11:59 pm EST

**Proposal Title:**

**Research Area(s):** One or more of the four data-science driven areas: Climate Science & Climate Change (area 1), Earth Systems: Oceans to Near Space (area 2), Digital Transformation in Manufacturing (area 3), and Sustainable Cities (area 4)

**MIT Principal Investigator:** (name and MIT department, laboratory, or center)

# **Research Team and Collaborations:**

Please list the names, titles, departments, and institutional affiliations of your research team, including all collaborators. Collaborations with faculty colleagues, industry, and other institutions in Portugal—as well as with MIT colleagues—are **strongly encouraged** and will be part of the evaluation. Please also describe the roles and contributions of your collaborators.

# **Project Description:** (no more than 1,000 words, including a 150-word abstract)

Please describe how the project supports the goals of MPP2030, how it addresses the criteria of this call, and its relevance for advancing research in one or more of MPP2030’s research areas (see call announcement for details). Please explain the opportunity you see for this project and your approach. Please clearly state the objectives and deliverables for the period of work and their expected impact, as well as the proposed activity’s relation to longer-term goals of MPP2030.

# **Budget allocation:**

Describe the intended allocation of the resources at MIT (e.g., personnel, materials, and travel, including travel to Portugal as well as travel of collaborating Portuguese faculty/researchers to MIT for short research stays to strengthen and demonstrate close collaboration) required to complete the project. This preliminary budget estimate will be used to assess the overall feasibility of the project. No detailed budget is required at this point. The maximum funding is $90,000.00 USD and this should include overhead fees.