

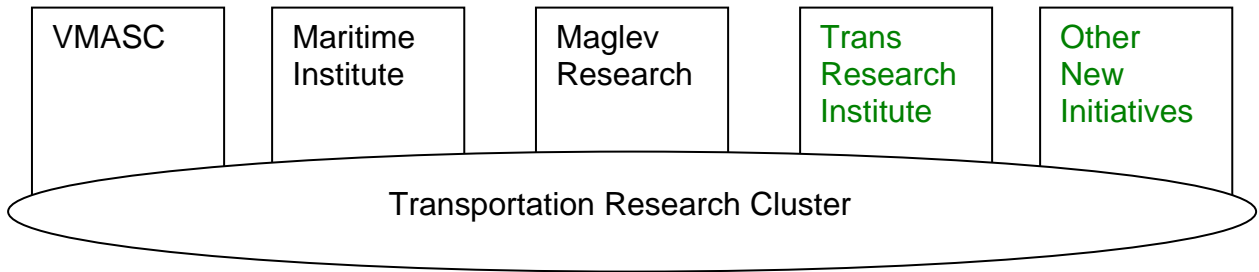
Meeting 1: Transportation Research Cluster

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Meeting Date: Tuesday, October 3
Meeting Time: 12:00 pm to 2:00 pm
Location: KAUF 239
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Meeting outcomes and discussion:

1. The kickoff meeting for the new transportation research cluster was held. All the interested BCET faculty and select faculty from other departments were invited to this meeting. This helped develop the core group to determine the expertise available in the college and outside related to transportation engineering.
2. There were ODU faculty who expressed an interest in transportation but could not attend the meeting. The following faculty expressed an interest in transportation (this is admittedly a partial list of largely engineering faculty as we selectively invited faculty from non-engineering disciplines): Jerry Creedon, Colin Britcher, Mujde Erten-Unal, Mike Fontaine, Asad Khattak, Zia-ur-Rahman, Bryan Porter, R. Joshi, Tom Eidson, Osman Akan, Wayne Talley, Jim Leathrum, Guoqing Zhou, & Carryl Baldwin.
3. The transportation expertise and interest on campus is diverse and includes:
 - Aerospace
 - Maritime
 - Surface transportation
 - Safety, congestion, environment, energy, sustainable transportation, technological solutions, Maglev, traveler behavior, planning, operations
 - Analysis Methods
 - Modeling, simulation, computation, GPS/GIS, remote sensing
4. Diverse expertise and interests in transportation across the ODU campus can create synergies among teams and help us explore new collaborative projects and publication opportunities.
5. The mission of the transportation research cluster should be broad and it should include surface and air transportation. The cluster is meant to examine interactions between major areas of transportation (air, land, and water) and provide a forum to explore research opportunities dealing with interactions between transportation modes. The cluster provides a round-table for faculty involved in all aspects of transportation to get together and discuss potential collaborative projects, as indicated in the figure below. The cluster involves faculty that are doing research in the air and maritime modes that have potential interactions with the surface transportation network, as well as organizations like VMASC that are involved in analytical tools that can be applied to transportation problems. The following diagram shows how the cluster will combine expertise in existing and proposed research centers and institutes in order to exchange ideas across disciplines, create synergies among faculty and researchers, increase

awareness of the ODU in the transportation field, and attract external research funding.



Agenda

12:00 Noon-12:15 PM: Introductions

12:15-12:30 PM: If leaving early, express views

12:30-1:00 PM: Dr. Asad Khattak's presentation (attached)

1:00-1:50 PM: Open discussion on

- Cluster activities & focus

- Potential funding sources

- Collaborations/teams

1:50-2:00 PM: Future meetings and activities
