Data Analytics for Research and Education (DARE)

TSSP ITS Forum
25 October 2019

Funding Agency:

High-level goals

Build capacity (MS/PhD students, infrastructure)

Create a sustainable environment for data-rich research

Design and implement sustainable end-to-end workflow

Leverage assets and strengths of collaborating groups

Publish joint research results

Topic: Traffic

Collaborators

Proj. 1 Leader: Francis Aldrine Uy

Technical design & system deployment

Proj. 2 & Program Leader: May Lim

Design and analysis of algorithms

Proj. 3 Leader: Noriel Christopher Tiglao

Public transport information exchange platform

US Principal Investigator: Alexandre Bayen

Governance

Proj 3: Stakeholders' concerns and performance indicators

Engineering

MAPÚA UNIVERSITY

Proj 1: Data hub (receive, organize, transmit)

Proj 2: Analyze, model and predict

DARE leverages strengths and linkages of implementing units

Computational physics

Order of presentation

1. Project 1: Data Analytics for Research and Education (DARE) Project 1: Technical design & system deployment - **Dr. Larry Vea (Mapua)**

2. Data Analytics for Research and Education (DARE) Project 2: Design and analysis of algorithms - **Dr. May Lim (UPD)**

3. Data Analytics for Research and Education (DARE) Project 3: Public Transport Information Exchange Platform - **Dr. Noriel Tiglao (UPD)**

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