Making Sense of Big Data

2018 San Francisco Bay Area ITE/ITS-CA Joint Transportation Workshop

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About
Mott MacDonald
Introducing Mott MacDonald

A global engineering, management and development consulting firm focused on guiding our clients through many of the planet’s most intricate challenges.

We work in 150 countries
Across 6 continents
Mott MacDonald Sectors

Buildings
Communications
Power
Education
Environment
Industry
International development
Transportation
Urban development
Health
Oil and gas
Water
Principal offices and staff

2,300 total staff
North America

60 staff
South America

7,950 staff
Europe

900 staff
Africa

1,500 staff
Middle East

1,250 staff
Asia Pacific

1,950 staff
Asia Subcontinent

450 staff
Australasia

1,250 staff
Africa

1,950 staff
Middle East

450 staff
Australasia

2,300 total staff
North America
Better Data – Better Decisions

- Comprehensive data analysis built upon sophisticated intelligent systems
- Collate, analyse, manage, and disseminate data
- Data management services for transportation, water and environmental sectors in national, regional, and urban settings
- Web-based Real-time Big Data Analytics
  - GiGi
  - MOATA
Introducing GiGi

- Web-based, fully customizable GIS data collaboration portal with multi-user access
- Uses ESRI’s ArcGIS Server – secure, fluid, consistent and easy to use interface
- Benefits
  - Accuracy
  - Accessible
  - Communication Channel
  - Secure
  - Flexible
  - Low-Cost Solution
Introducing MOATA

- Cloud-based analytics and visualization service
  - Data Management
  - Real-time monitoring
  - Modeling
  - Process Optimization
  - Mobile Applications
  - And ultimately, better decision-making on complex issues
- Successfully delivered projects in Australia, New Zealand and other parts of the world for over 10 years
Thank You