Shinji Shimojo, Fang-Pang Lin

TELESCIENCE UDPATE

Activities

- **SEAIP2016,** Tainan, 5~9 Dec 2016
  - ☐ *PRAGMA Institute*
  - ☐ *NICT ASEAN IVO Joint Meeting*
  - ☐ *CENTRA global Webinar (**6 sub-plans review, 1 invited talk, Prof. Hung Yuan Lee)***

- **SAGE2 Workshop**
  - ☐ NCHU & NMMBA, 12-13 Dec 2016
  - ☐ Hawaii University, 4-7 Feb 2017

- **CENTRA All-hands meeting,** Gainesville, 10-11 April 2017
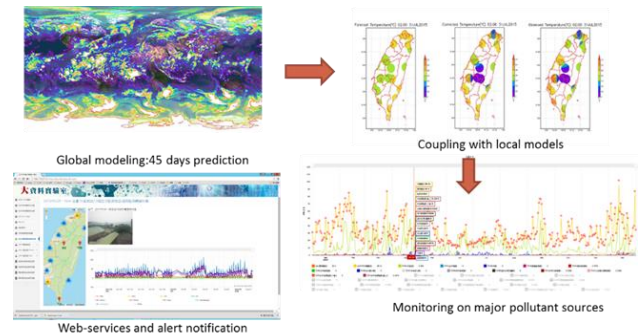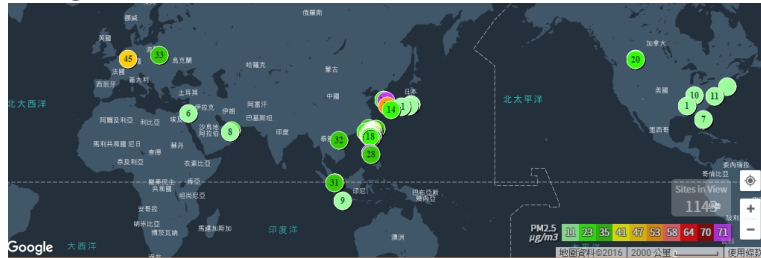 - ☐ Collocated with PRAGMA 32 on IoT and People
  - ☐ Facilitate Idea-to-prototype collaborations
  - ☐ Progress report for, review and improvement of all sub-plans
  - ☐ CENTRA SUNTOWNS (Smart University TOWNS) & Hackthon.

CyberInfrastructure Applications

- **Airbox PM2.5 network**
  - ☐ International extension (>10 countries) & enhance CI services
  - ☐ Involving research institute, companies, governments.

- **SAGE2 Viz Alliance**
  - ☐ CENTRA research in CI applications.
  - ☐ HW, UIC, Osaka U, NCHU, UF, NCHC.

AirBox

- Hardware
  - Wearable AirBox
    - hardware integration (LJ)
    - design & UX (Kyungyong, Woojin)
  - BLE for D2D communication
    - AirBox BLE (LJ)
    - Social media sharing (Felix)
    - Store-carry-and-forward model (Corey)

- Data
  - survey current IoT data standard (Matt)
  - analysis framework (Xingfu)
- Platform
  - PRAGMA site (Shava)
- Collaboration
  - PID & Visualization projects

Topics to be discussed

- IoT & Cloud technologies
  - VR & AR
    - Inter-cative UI
    - Drone Applications
    - SAGE2 Viz Alliance
  - Smart and Connected Communities
    - Environment Monitoring
      - Airbox or Aquabox/Waterbox
    - Urban Planning
    - Smart museum
      - visitor behaviors detection
      - Modeling & Prediction