Smart Society: 3 Essential Transformations
Powered by AI

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What is Smart Society?

Smarter Planet

Instrumentation
Interconnectedness
Intelligence
What is Smart Society?

Smarter City

Information
Communication
IoT
What is Smart Society?

Smarter Society

AI
Big Data
Cloud
IoT
What is Smart Society?

“a large group of people who live together in an organized way, making decisions about how to do things and sharing the work that needs to be done.”

-- Cambridge Dictionary
What is Smart Society?
What is Smart Society?
Smarter Society

Digitalization ⏷️ Intelligentization

Separate ⏷️ Global

Process ⏷️ People

a large group of people who live together in an organized way, making decisions about how to do things and sharing the work that needs to be done.
Smarter Society
Digitalization to Intelligentization
Fast Image Segmentation for VHR remote Sensing Data
Intra-city Epidemic Control and Prevention
Global Optimization and Sequential Decision Making
United States  Singapore  China
Isolation to Integration

GIS
Transportation
Logistics Engineering
Energy Science
Construction Engineering
Medical Science

Top-level Design: Policy Makers

Global Optimization

Smart Society

Technology Partnership

AI
Big Data
IoT
Cloud
5G
...
Smarter Society

Process  People
This small bird has short beak and dark stripe down the top, the wings are a mix of brown, white and black and the upper breast is white and has black stripes.

Tao Xu, Pengchuan Zhang, Qiuyuan Huang, Han Zhang, Zhe Gan, Xiaolei Huang, Xiaodong He, 2017
Smart Society

- Smart Life
  - Happiness
  - Health
  - Quality

- Smart Governance
  - Inclusive
  - Preventive
  - People Centric

- Smart Industry
  - Revolutionary
  - Safe
  - Efficient
Smart Society

- Digitalization
- Intelligentization
- Separate
- Global
- Process
- People

Smart Life
Smart Industry
Smart Governance
Smart Life
智慧民生
智慧产业
智慧政务
智慧民生
Smart Society: Everybody Dance Now

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THANK YOU!

Caroline Chan, Shiry Ginosar, Tinghui Zhou,
Alexei A. Efros, 2018