Anchorage Performance of RC
As Japanese seismic design code is becoming more strict, larger amount of reinforcement must be placed in Reinforced Concrete (RC) structures at the joint part.

Problems
- Increase the fabrication time
- Poor concrete compaction may occur.
- Stress condition in complex reinforcement arrangement
  - Numerical simulation can clarify
  - We aim to propose the rational design code

Mechanics of Fiber Reinforced Concrete under Principal Stress Rotation
Robust material against the principal stress rotation is developed by focusing the shear performance.

Infrastructure Management for Municipalities in Japan
Japan faces a problem of aging of infrastructure. Especially in municipalities, lack of human resources, technology and budget are pointed out. Rational maintenance system is required.

Analysis of bridge inspection data

International Expansion of Infrastructure Management

Asset management cycle
Simple monitoring of damaged bridge (Myanmar)

Seminar and demonstration of inspection (Thailand, Vietnam, Cambodia etc.)