

JSCE's Philosophy on The Leadership of Civil Engineers

The 1st president of JSCE, Dr. K. Furuichi stated in 1914 that “The civil engineers are required to take the leadership among all fields of engineering and technology.



The civil engineers must have a broader knowledge and understanding of various fields including economics, politics, and must contribute to achievement of a sustainable, safe and comfortable living environment through leading technological developments and with the collaboration of people.

Important Aspects for the Leadership of Civil Engineers

1. Re-establishment of public reliance on civil engineers
2. Construction of safe, comfortable and sustainable society under participation of public

Required Abilities of Civil Engineers for the Leadership

1. Broad knowledge and understanding of various disciplines
2. Management and decision making ability
3. Communication ability
4. Internationally active and respect to the cultures of others
5. High morality and ethics

JSCE's Contribution to Continuous Education of Civil Engineers for the Leadership

1. Accreditation of engineering education in universities and college
2. Certification system for civil engineers
3. Continuing professional education
4. Promotion and guidance of ethics in civil engineering