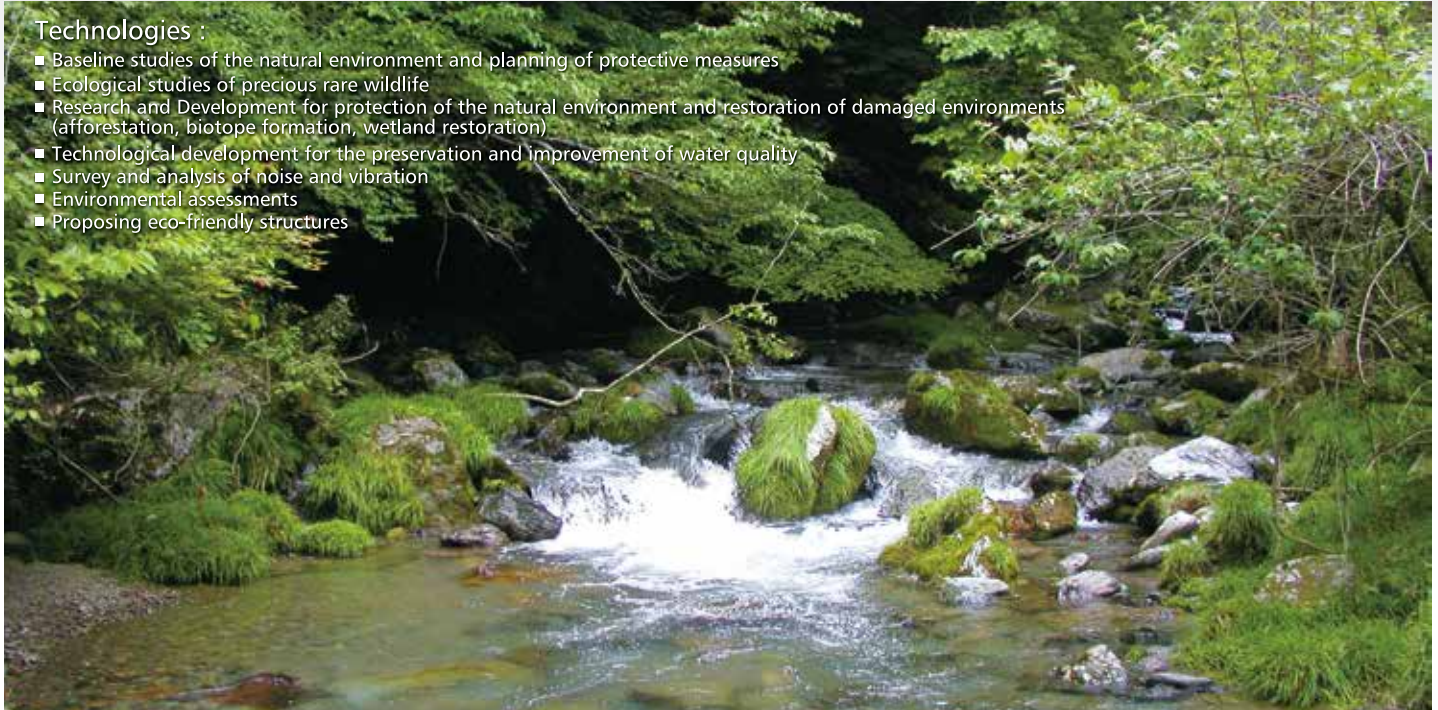


Environmental Impact Assessments and Protection of Project Environment

West JEC has developed high level technology and gained broad experience in solving environmental concerns. Our technology and experience enable us to excel in engineering to establish environmental baselines prior to the construction of infrastructure and in determining and assessing the impact of projects on the environment. We also excel in devising measures to protect animal and plant habitats, measures to prevent eutrophication in lakes and ponds, and in designing general environmental management programs.

Technologies :

- Baseline studies of the natural environment and planning of protective measures
- Ecological studies of precious rare wildlife
- Research and Development for protection of the natural environment and restoration of damaged environments (afforestation, biotope formation, wetland restoration)
- Technological development for the preservation and improvement of water quality
- Survey and analysis of noise and vibration
- Environmental assessments
- Proposing eco-friendly structures

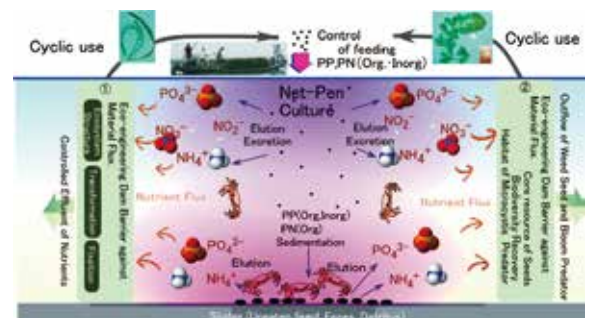


Based upon a broad base of knowledge accumulated through years of experience and through detailed studies of the atmosphere and terrestrial features such as mountains, rivers and oceans, and other animal and plant habitats, West JEC can propose methods to protect animals and plants which would otherwise be affected by infrastructure development.



West JEC has conducted studies of air and water quality, noise and vibration, and odors under various environmental conditions. We use the data from these studies to investigate and predict the impact of infrastructure development projects on the project surroundings and to propose mitigation measures.

West JEC has technology and experience to prevent eutrophication and to improve the water quality of surface water reservoirs such as lakes or ponds. This technology suppresses the proliferation of algae and prevents algal bloom (algae, freshwater red tide).



West JEC renders consulting services in the construction of systems for the re-cycling of ecological materials using a mechanism which we call an "ecological dam." This mechanism recycles industrial water pollutants into materials useful for human life. This recycling system facilitates sustainable regional development while improving aquatic environments.