

Development of Environmental-Scientific Technology with Chemistry and Biology for Our Sustainable Society

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Research Area

■ Research field “nature and environment”

Resources: Minerals, Plants, Genes...

Ecosystems: Biodiversity, Forests, Microbes...

■ Research field “human and society”

Production: Circular economy, Resource utilization efficiency...

Health: Prevention, Self-management...

Foods: Breeding, Biotechnology, High value-added products...

◎ Creation of values for novel sustainable society

– Sustainable utilization of resources

– Living a healthy and prosperous life

– Innovative manufacturing and pleasant experience



Open discussion by students and professors
at Environmental-scientific collegium (since 2002)

Recent Activities

- **Journal**: Sc. rep. 2022, 12, 1–12, Water sci. technol. 2022, 85 (10), 2827–2839, Biosci. biotechnol. biochem. , 2021, 85 (8), 1789–1797.
- **Patents**: Patent 5260941, 5568829, 6199580.
- **Book**: The Status quo in Enzyme Application to Food Science and Biotechnology (ch.13, CMC Publishing, 2019).