

HOSHINO Takeo

Position/Department/Division/Institution/Organization

Project Professor in the Department of Material Engineering at the Graduate School of Engineering, The University of Tokyo

Country

Japan

Career history

Hoshino has been at METI for 20 years, having mainly held management positions in technology development, international affairs, environmental, and industrial policies.

Areas of expertise

The main subjects of his laboratory are focused on establishing the evaluation models of quantitative analysis for sustainable use of materials and finding the optimized materials management from the transdisciplinary perspectives of materials science, industrial ecology, economy, and society based on dynamic material flow analysis, stock accounting and life cycle analysis of environmental impact using universal evaluation indicator such as exergy and amount of physical functions. He holds a Ph.D. in Material Science from the University of Tokyo and an M.S in Operations Research from Stanford University.