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Altri autori (Persone)	HudspethChristopher A ReeveTimothy E
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Nota di contenuto	The Poultry Litter Land Application Rate Study: assessing the impacts of broiler litter application on surface water quality / Matthew W. McBroom, J. Leon Young -- Agricultural runoff: new research trends / Victor Hugo Duran Zuazo -- Effects of agricultural runoff versus point sources on the biogeochemical processes of receiving stream ecosystems / Gora Merseburger ... [et al.] -- Processes for the treatment of dirty dairy water: a comparison of intensive aeration, reed beds and soil-based treatment technologies / Joseph Wood, Trevor Cumby -- Evaluation of intertwined relations between water stress and crop productivity in grain-cropping plain area by using process-based model / Tadanobu Nakayama -- Runoff and ground moisture in alternative vineyard cultivation methods in the center of Spain / M.J. Marques, M. Ruiz-Colmenero, R. Bienes -- Multi-functional artificial reefs for coastal protection / Mechteld Ten Voorde, Jose S. Antunes Do Carmo, Maria Da Graca Neves -- Massive sedimentations at coastal and estuarine harbors: causes and mitigating measures / Yu-Hai Wang -- Relative sea level changes in the lagoon of Venice, Italy. Past and present evidence / Rossana Serandrei-Barbero, Laura Carbognin, Sandra Donnici -- Sediment dynamics and coastal morphology evolution / Francois Marin -- Seasonal patterns of nitrogen and phosphorus losses in agricultural drainage ditches in northern

Mississippi / Robert Kroger ... [et al.] -- Global change-induced agricultural runoff and flood frequency increase in Mediterranean areas: an Italian perspective / Marco Piccarreta, Domenico Capolongo.

Sommario/riassunto

This book addresses current issues in agriculture as well as the effects of wind and water. There is public concern world-wide about the impact of agriculture runoff on the environment and the migration of agrochemicals from their target to nearby terrestrial and aquatic ecosystems. Coastal management aims to prevent erosion and flooding. Without conservation work, subsiding coastal area are prone to progressive submersion by the sea. This book presents new methodologies and research trends to manage the concerns related to these three environmental concerns.