

Contents

Research Papers

- Decision Making for Residual Settlements Measures in Small Construction Projects
..... WAKABAYASHI T., SHUKU T., MURAKAMI A. and TAGUCHI K. ... 1
- Analysis of User Satisfaction with Water Supply in Irrigation Canal System, including Regulating Reservoir
..... ITO Y., TANAKA Y., MUKAI A., TARUYA H., NAKA T. and KAJISA T. ... 15
- Application of Time Domain Transmissiometry to Coupled Measurements of Soil Moisture and Electrical Conductivity
..... MIYAMOTO H., ITO N., MASE A., TOKUMOTO I. and CHIKUSHI J. ... 25
- Deposition Kinetics and Critical Deposition Concentrations of Humic Acids with Different Molecular Weight
..... YAMASHITA Y., TANABE Y. and ADACHI Y. ... 33
- Regional Characteristics of Dzud Damage in Mongolia
..... JIRIGALA, ONISHI T., SENGE M., AMAYA T. and SAMDAN Shiirev-Adiya ... 39
- Effect of Salinity on Lead Sorption and Migration of Clay Liner Materials
..... NAKANO A., MORISHITA T., OHTSUBO M., HIGASHI T. and KANAYAMA M. ... 47
- A Method for Locating Main Points That Cause Degradation in Reliability of the Irrigation Canal System
— An example of analysis of water supply in irrigation canal systems by using upstream controls —
..... ITO Y., TANAKA Y., MUKAI A., TARUYA H., NAKA T. and KAJISA T. ... 55
- Evaluation of Strength Properties and the Economy as the Soil Stabilizer of Fine Powder FNS
..... SHOJIMA Y., AKIBA S. and KANOU Y. ... 65
- Cracking Mechanism in Irrigation Tunnel Lining and the Reinforcement Method
..... NATSUKA I., MURAO H., MATSUMOTO T. and ISHII M. ... 77

Technical Papers

- Population Size and Density of Oriental Weather Loach *Misgurnus anguillicaudatus* in Paddy Plots Estimated by Removal
and Mark-recapture Experiments
..... KAKINO W., NAKAMURA T., MIZUTANI M., NAKAKUKI G., MORI A. and SHIOYAMA H. ... 85
- Characteristic of Ground Motions on Reclaimed Landfill in Port of Tokyo by the 2011 off the Pacific Coast of Tohoku
Earthquake
..... MORI H. ... 93
-

Field Evaluation of a Capacitance Soil Moisture Sensor to Obtain Irrigation Scheduling Parameters

..... MIYAMOTO T., SHIONO T., KAMEYAMA K., IGUCHI S., MORINAGA K., TANAKA K. and HASEGAWA M. ... 99

Cesium Adsorption Properties of Soils in Southern Ibaraki, Japan

..... TAMURA A., NISHIWAKI J. and KARUBE J. ...107

Rainfall-Runoff Characteristics in Upland Field Catchments in South Kyushu

— A case study of Osumi and Tokunoshima island areas in Kagoshima Prefecture —

..... TAKAGI A., MOMII K., HIYAMA H. and ITO Y. ...113