

## Contents

Assessment of Soil Properties using GIS Technologies in a Selected Area in Myanmar <i>Hla Moe Khaing, Kyaw Ngwe, Swe Swe Mar and Htay Htay Oo</i>	1
Preparation of Effective Microorganisms Based Compost Using Some Selected Wastes for Improvement of Plants Growth <i>Thidar Kahing, Nyo Nyo Win and Aye Mon Thida Nyo</i>	8
Spatial Variability and Mapping of Soil Properties Using GIS-Based Geostatistic in Myanmar <i>Tun Tun Hlaing, Swe Swe Mar, Chaw Su Lwin, Htay Htay Oo and Kyaw Ngwe</i>	15
Assessment of Insect Damage and Growth Performance of Dipterocarps Planted at Rainforestation Demonstration Farm at VSU, Baybay City, Leyte <i>Kleer jeann G. Longatang, Ma. Juliet C. Ceniza, Christopher Jr. R. Galgo, Jimmy O. Pogosa, Dennis P. Peque and Leonard Paolo Longatang</i>	22
Spatial variability of soil salinity and its influence on rice yield in salt-affected areas using remote sensing techniques <i>Aung Naing Oo and Lwin Bo Bo Thet</i>	29
Evaluation of the Acceptability of Cashew Apple Jam in Cambodia <i>Sokly Sorm, Yoshiki Muramatsu, Daiki Oka, Yuri Tanikoka Masataka Uchino, Shuki Muramatsu, Motoe Sekido, Takahiko Nakamura, Toru Nakajima, Eiichiro Sakaguchi, Shotaro Kawakami, Chim Chay, Mari Arimitsu and Machito Mihara</i>	35
Food service industry development and its effect to distribution of fresh agri-products in Vietnamese suburban area <i>Fumie Takanashi</i>	42
The Influence of Packaging Materials and Storage Duration on Seed Quality of Sesame (Sesamum indicum L.) <i>Hnin Thida Nyo, Nyein Nyein Htwe and Kyaw Kyaw Win</i>	48
Evaluation of site contamination from storage of fertilizer <i>Barry Noller</i>	55
Growth Performance of Trema orientalis L. (Blume) Ulm. Seedlings in Response to Mineral Nutrient Omission <i>Ken N. Florentino, Romel B. Armecin, Jimmy O. Pogosa and Marlito M. Bande</i>	61
Potential measurement as a method for monitoring the soil chemical environment <i>Narong Touch and Takahiko Nakamura</i>	67
Study on the Water Quality of Indawgyi Lake Affected by Surroundings <i>Moe Tin Khaing and Daung Hawng</i>	74
Experimental Study of Extension Impact on Farmers' KAP towards Sri Lankan Cassava Mosaic Disease Prevention in Cambodia <i>Sovannara Moun, Hisako Nomura, Tamon Baba, Tha Than, Kasumi Ito and Pao Srean</i>	81
Rainwater Harvesting as a Mean for Water Conservation in Ovche Pole Region, Macedonia <i>Ognen Onchevski and Machito Mihara</i>	90

Marketing Strategies and Grape Farmers' Welfare Improvement: Evidence from Afghanistan <i>Sayed Jalil Hashimi, Dan Yang, Zainullabuddin Hakimi and Zaigham Kazimi</i>	98
Effect of Temperature on the Cohort Life Table of Brown Planthopper ( <i>Nilaparvata lugens</i> Stål) (Homoptera: Delphacidae) <i>May Thu Htet, Moe Hnin Phyu and Thi Tar Oo</i>	103
Nigeria Effects of adding Rice Husk Biochar on GHG Emission and Compost Quality during Cow Manure Composting <i>Sarvesh Maskey and Machito Mihara</i>	110
Conservation and Ecological Threats of Agarwood ( <i>Aquilaria</i> sp.) on Leyte Island, Philippines <i>Lorraine Cristy Ceniza, Jimmy Pogosa, Suzette Lina and Marlito Bande</i>	118
Effects of Air Injection and Iron Oxide Pellet Addition on Hydrogen Sulfide Removal and Biogas Production <i>Lytour Lor, Mchito Mhara, Bunthan Ngo, Lhour Hin Dyna Theng, Chan Makara Mean, Chhorth Chhiengputheavy and Bart Frederiks</i>	125
Changing Spent Mushroom Substrate into a Quality Vermicompost <i>Supawadee Ruangjanda and Chuleemas Boonthai Iwai</i>	132
Study on use of Plant Based Material as a Fertilizer <i>Pa Pa San and Mya Yadanar Aung</i>	138
Effect of Chicken Manure and Chemical Fertilizer Applications on Growth and Yield of Rice ( <i>Oryza sativa</i> L.) <i>Kyi Kyi Shwe, Swe Swe Mar, Theingi Win, Win Yu Hlaing Hsu Myat Thwin, Kyaw Ngwe and Toru Sakai</i>	145
Characterization and Diversity of Selected Maize ( <i>Zea mays</i> L.) Genotypes Using Qualitative Traits <i>San Kyi, Kyaw Kyaw Win, Hla Than, Soe Win and Nyo Mar Htwe</i>	152
Biofunctool® approach assessing soil quality under Conservation Agriculture and Conventional Tillage for rain-fed lowland rice systems in Cambodia <i>Veng Sar, Kannika Sajjaphan, Wutthida Rattanapichai, Alexis Thoumazeau, Vang Seng and Florent Tivet</i>	158
Assessment of Biogas Production Potential from Commercial Pig Farms in Cambodia <i>Lyhour Hin, Bunthan Ngo, Lytour Lor, Suyheang Sorn Dyna Theng, Chanphakdey Dok, Sokhom Mech Chan Makara Mean, Sovannady Yut, Makara Lay and Bart Frederiks</i>	169
Evaluation of Some Nutritional Values and Antioxidant Activities of Dried Tea Leaves in Seasonally <i>Chaw Su Hlaing, A Mar Wint, Ohn Mar Aye and Myo Thida Hteik</i>	178