

## 1. 6th Asia Conference on Environment and Sustainable Development, ACESD 2021

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**Abstract:** The proceedings contain 36 papers. The special focus in this conference is on Environment and Sustainable Development. The topics include: Comparative Study on Nitrogen Removal Efficiency of Surface Water by Three New Combined Processes of Autotrophic Denitrification; development of a Composite Solid Desiccant Dehumidifier for Ventilation Air; applicability Analysis of Hydrological Models in the Middle and Upper Reaches of Yangtze River; analysis on the Response of Lake Level Changes: A Hybrid Stepwise-Cluster Factorial Approach; seepage Experiment on a Permeable Dam Formed by Debris Flow from River Tributaries; assessment of Climate Change Impacts on Streamflow - A Case Study of Naryn River Basin, Central Asia; joint-Risk Evaluation of Extreme Precipitation Using Copulas; optimal Allocation of Flood Control Capacity of Multiple Reservoir System; reference Levels for Heavy Metals in Soil in the City of Cerro de Pasco - Peru - 2020; experimental Study for Optimizing of Low Impact Development Facilities in Taiwan; design of Green Infrastructure for the Revaluation of the Ventanilla-Peru Wetlands and the Protection of the Environment; effect of the Window Design Features on Natural Ventilation; how to Make Green Building Certification & Rating Systems More Pandemic-Sustainable?; assessing Risk Factors in the Implementation of Green Building Projects: Empirical Research from Vietnam; environmental Affordances: A Practical Approach for Designing Child-Friendly Streets in High-Density Community; study on the Ecological Regeneration Strategy of Urban Industrial Sites—Taking Diamond Bay in Dalian as an Example; scenario Analysis of Annual Heating Energy Demand in North China from 2020 to 2050; preface.

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