



## Contents

- 1-7 NASA Power's: an alternative rainfall data resources for hydrology research and planning activities in Bali Island, Indonesia  
*I Gusti Ngurah Putu Dharmayasa; Cathleen Ariella Simatupang; Doni Marisi Sinaga*
- 8-14 Application of normalized difference vegetation index in classifying land cover change over Bangli regency by using Landsat 8 imagery  
*Putu Aryastana; Maria Imaculata Goran Mosa; Wayan Widiana; I Made Eryana Eka Putra; Gede Rustiawan*
- 15-26 Study of irrigation performance index in Saba irrigation area  
*Putu Indah Dianti Putri; Putu Ardi Suputra; I Ketut Nuraga*
- 27-32 Prestressed beam system due to the addition of a long-span beam in building infrastructure  
*Debora Evlin; I Nengah Sinarta*
- 33-37 Review: land, cloud, and climate change (in focus: Borneo)  
*Jason Pajimola Punay; Ratri Andinisari*
- 38-45 Column structure strengthening with FRP (Fiber Reinforced Polymer) due to story addition  
*I Wayan Maesa Andreasnata; I Nengah Sinarta; Ni Komang Armaeni; I. P. Ellsa Sarasantika; Thanh-Trung Dang; Cintantya Budi Casita; Roro Sulaksitaningrum; S. P. Tampubolon*
- 46-50 The behavior of the Perbaungan railway subgrade  
*Aazokhi Waruwu; Muhammad Arfan; Tubel Oktor Waruwu*