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Tulod A. M., Abanda R. M., 2016 Assisted natural regeneration in a tropical second growth forest in the Philippines as influenced by brush cutting and tillage. *AES Bioflux* 8(3):265-272.

Padilla R. F. Q., Vedra S. A., Coronado W. A., Trinidad R. B., Relox R. E., 2016 Impacts of management programs to biophysical resources of Cagayan de Oro River, Northern Mindanao, Philippines. *AES Bioflux* 8(3):273-282.

Crisologo E. S., Relox R. E., Trinidad R. B., Vedra S. A., 2016 Assessment of flood risk and adaptation efforts of the communities of Jabonga, Agusan del Norte, Philippines. *AES Bioflux* 8(3):283-289.

Gavriloaie C., Rusu C., Berkesy C. M., Petrescu-Mag I. V., 2016 The botanical reservation "Padurea din Ses" from Orheiul Bistritei (Bistrita-Nasaud county, Romania): status and threats. *AES Bioflux* 8(3):290-297.