Annex 5.: Selected papers of COMI Faculty Members (2014-2018)

I. 2014


Zhang, CY; Hong, HS, 2014. Interannual variability of remotely sensed chlorophyll a during an autumn monsoon transitional period in the Taiwan Strait. ACTA OCEANOLOGICA SINICA, 33: 72-80.

Zhang, WZ; Chai, F; Hong, HS; Xue, HJ, 2014. Volume transport through the Taiwan Strait and the effect of synoptic events. CONTINENTAL SHELF RESEARCH, 88: 117-125.

II. 2015


Hao Kong, Xiongzhì Xue, Zhu Mao et.al. Towards integrated coastal governance with Chinese characteristics-A preliminary analysis of China’s coastal and ocean governance with special reference to the ICM practice in Quanzhou. Ocean & Coastal


Huang, Ting-Hsuan, Chen Arthur Chen-Tung*, Zhang Wen-Zhou, and Zhuang Xue-Fen (2015), Varying intensity of Kuroshio intrusion into Southeast Taiwan Strait during ENSO events, Continental Shelf Research, 103, 79-87.


Cao, WZ; Huang, Z; Zhai, WD; Li, Y; Hong, HS. 2015. Isotopic evidence on multiple sources of nitrogen in the northern Jiulong River, Southeast China. Estuarine Coastal and Shelf Science, 163(B):37-43.


Chen NW*, Wu YQ, Chen ZH, Hong HS. 2015. Phosphorus export during storm events from a human perturbed watershed, southeast China: Implications for coastal ecology. Estuarine, Coastal and Shelf Science, 166: 178-188.

Chen, NW; Li, J; Wu,YQ; Kangas, PC; Huang, BQ; Yu, CC; Chen, ZH.2015. Nutrient removal at a drinking water reservoir in China with an algal floway. ECOLOGICAL Ecological Engineering, 84:506-514.

Chen, NW; Wu, JH; Zhou, XP; Chen, ZH; Lu, T. 2015. Riverine N2O production, emissions and export from a region dominated by agriculture in Southeast Asia (Jiulong River). Agriculture Ecosystems & Environment, 208:37-47.


Watershed, China. Estuarine, Coastal and Shelf Science. 2015, 166: 218-229.


Huang, Ting-Hsuan, Chen Arthur Chen-Tung*, Zhang Wen-Zhou, and Zhuang Xue-Fen (2015), Varying intensity of Kuroshio intrusion into Southeast Taiwan Strait during ENSO events, Continental Shelf Research, 103, 79-87.


Xue, XZ; Ren, Y; Cui, SH; Lin, JY; Huang, W; Zhou, J. 2015. Integrated analysis of GHGs and public health damage mitigation for developing urban road transportation strategies. Transportation Research part D-transport and Environment, 35:84-103.


Zhang, Wen-Zhou*, Xue Huijie, Chai Fei, and Ni Qinbiao (2015), Dynamical processes within an anticyclonic eddy revealed from Argo floats, Geophysical Research Letters, 42(7), 2342-2350.


Zhao, WL; Yang, SY; Wang, J; Xiao, JM; Lu, XX; Lin, J; Huang, P; Cai, MG. 2015, Load estimation and assessment of land-based pollution for Quanzhou Bay and their relevance to the Total Quantity Control of Pollutants Discharged into the Sea (TQCPS) Program in China, Estuarine, Coastal and Shelf Science 166(2015)230-239.


III. 2016


Li, Y., Degener, J., Gaudreau, M., Li, Y.F., Kappas, M. Adaptive capacity based water quality resilience transformation and policy implications in rapidly urbanizing landscapes.


Wu, Y.L., Wang, X.H., Ya, M.L., Li, Y.Y., Hong, H.S. Distributions of organochlorine compounds in sediments from Jiulong River Estuary and adjacent Western Taiwan Strait:


IV. 2017


Sun, X., Li, Y.F., Zhu, X.D., Cao, K., Feng, L. Integrative assessment and management implications on ecosystem services loss of coastal wetlands due to reclamation. *Journal of Cleaner Production*, 2017, 163. (


V. 2018


Huang, B.; Huang, J.; Pontius, R. G., Jr.; Tu, Z., Comparison of Intensity Analysis and the land use dynamic degrees to measure land changes outside versus inside the coastal


Sajjad, M.; Li, Y. F.*; Tang, Z.; Cao, L.; Liu, X.*, Assessing Hazard Vulnerability, Habitat Conservation, and Restoration for the Enhancement of Mainland China's Coastal


