盧昭堯教授

一、論文著述

（A）期刊論文

1. Chang, C.K., **Lu, J.Y.**, Lu, S.Y., Wang, Z.X., and Shih, D.S., 2020b, Experimental and numerical investigations of turbulent open channel flow over a rough scour hole downstream of a groundsill, Water; 12(5):1488. https://doi.org/10.3390/w12051488. (SCI)
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二、研發成果智慧財產權及其應用績效

類別	專利名稱	國別	專利號碼	發明人	專利權人	專利期間
發明專利	河道減沖促淤裝置及其配置方法	中華民國	發明第 I429808 號	賴進松、盧昭堯、林詠彬、趙以明、張國鎮、譚義績、洪健豪、張文鎰、欉順忠、李豐佐、盧志晃	賴進松	2014/3/11−2030/7/5
發明專利	河床沖刷深度及水流流速泥砂濃度之監測系統及方法	中華民國	發明第 I435061 號	賴進松、盧昭堯、林詠彬、趙以明、張國鎮、譚義績、洪健豪、張文鎰、欉順忠、李豐佐、盧志晃	賴進松	2014/4/21−2031/1/16
發明專利	河川懸移載採樣系統及其輔助設備	中華民國	發明第 I493090 號	盧昭堯 蘇志強	國立中興大學	2015/7/21−2032/7/9
發明專利	河道沖刷深度監測裝置之埋設方法	中華民國	發明第 I480515 號	盧昭堯 蘇志強	國立中興大學	2015/4/11−2033/4/2
發明專利	河道沖刷深度之動態監測裝置的埋設方法	中華民國	發明第 I535914 號	盧昭堯 蘇志強	國立中興大學	2016/6/1−2033/6/2

三、近年內執行及申請中之研究計畫

計　畫　名　稱 （本部補助者請註明編號）	計畫內擔任之工作	起迄年月	補助或委託機構	申請(執行)情形	經費總額
河道動態沖刷監測技術研發於防災科技之應用－總計畫暨子計畫:固床工下游沖刷過程之水力特性及動態沖刷模擬之應用研究(I) (MOST 104-2625-M-005 -004)	總計畫主持人及子計畫主持人	2015/8~2016/10	科技部	已結案	868,000
河道動態沖刷監測技術研發於防災科技之應用－總計畫暨子計畫:固床工下游沖刷過程之水力特性及動態沖刷模擬之應用研究(I) (MOST 103-2625-M-005-009)	總計畫主持人及子計畫主持人	2014/8~2015/7	科技部	已結案	933,000
颱洪河道短期一般沖刷之觀測研究(2/2)	主持人	2014/3~2014/12	水規所	已結案	1,963,100
河道泥砂運移監測技術研發與應用-以濁水溪下游為例--總計畫暨子計畫:懸移載量測技術之改進與應用-以濁水溪下游為例 NSC100-2625-M-005-006-MY3	總計畫主持人及子計畫主持人	2011/8~2014/7	國科會	已結案	3,098,000
颱洪河道短期一般沖刷之觀測研究(1/2)	主持人	2013/4~2013/12	國科會	已結案	1,828,571
國家級防災監測及模式測試基地建置(1/3)	主持人	2012/2-2012/12	水規所	已結案	8,854,095
變量流作用下之固床工沖刷試驗研究 NSC99-2221-E-005-045-MY3	主持人	2010/8~2013/7	國科會	已結案	2,618,000