## A. Integrated sediment management at river basin scale

1. Identifying the sources of fine sediment to quantify the success of sustainable flood risk strategies
   - S. Twohig & I. Pattison

2. Study on sediment regulation approaches of Liu River
   - L. Lin, X. Guan & T. Yu

3. Contribution in the study of sediment transport in northern Algeria
   - M. Meddi

4. The impact of sub-branch direction on sediment deposition in the condition of reciprocating mainstream flow
   - M. Zhu

5. Application of airborne gamma-ray imagery to assist soil survey in the upper Pasak basin, Thailand
   - R. Moonjun, D.P. Shrestha & K. Duangkamol

## B. Sediment transport

6. Experimental study on energy dissipation and beach protection effects of a new type of penetrating frames
   - Y.F. Xia, H. Xu, Z.M. Fu, K.H. Chen & F. Chen

7. Estimation of maximum local scour depth around submerged spur-dike
   - S.Y. Hao, Y.F. Xia & H. Xu

8. Erosion and seepage failure around sheet-pile using two-phase WC-SPH model
   - A.M. Abdelrazek, I. Kimura & Y. Shimizu

9. Study on the bed coarsening and limit scour depth of the lower reaches of the Three Gorges Reservoir
   - J.-X. Mao & X. Geng

10. Observation evaluating water and sediment runoff at Sabo dam in Kiso River basin

11. Sensitivity analysis of measured sediment fluxes in a reservoir
    - S. Haun & L. Lizano

12. Comparison of acoustic backscatter to turbidity for suspended sediment estimation in the Sacramento-San Joaquin Delta in California
    - M. Ozturk & P.A. Work

13. The influences of water-sediment conditions on turbidity for suspended sediment delivery rate
    - D. Zhandi, L. Qin, H. Haihua & J. Zuwen

14. The response of riverbed erosion and deposition adjustment to the flow and sediment process in the lower Yellow River
    - X. Zhang, D.P. Sun, Y. Sun & M.X. Liu

15. Sediment transport along the Deepwater Navigational Channel of Changjiang Estuary, China
    - S. Lou, S.G. Liu, G.H. Zhong & G.F. Ma

16. Sediment transport in the middle reach of the Huaihe River

17. Study on sedimentation velocity in transition zone
    - Y. Guo & L. Gao

18. Characteristics of sediment movement and river-bed morphology at mountainous stream confluence region
    - X.K. Wang, E. Huang, X.N. Liu, X.F. Yan & H.F. Duan

19. Research of bed load distribution density based on image recognition technology
    - D.P. Sun, H. Chen, Y. Sun, A. Gao, M.J. Dong, L.Q. Han & M.X. Liu

20. Super Deltaflex – Advanced development of transit time acoustic flow measurement
    - W. Stedtnitz & T. Schott

21. State of the art on remote sensing methods for suspended sediment concentration in inland coastal waters
    - A.E. Holdefer & K. Formiga

22. Experiment for bed erosion focusing on combination of horizontal distance and overlapping height between main and counter Sabo dam
23 Effect on bed load transport discharge of Chongqing reach by backwater of Three Gorges Reservoir in upper Yangtze River
X. Fu, S. Yang, Y. Chen, J. Hu, S. Tong & Y. Xiao

24 Prediction of bed load transport rate using Shiono and Knight model
N. Movahedi, A.R. Zahiri & A.A. Dehghani

25 Assessment of sediment rating curves for mountain rivers in Malaysia

26 Variation in total sediment rate prediction using different fall velocity methods
S.I. Waikhom & S.M. Yadav

27 Flow and riverbed erosion-deposition simulation around submerged water intake
Z.F. Cui & D.C. Hu

28 Distributional characteristics of sediment concentration in the lotus-root-shape compound channels
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29 Sediment transport and silting in Zarzis commercial harbor (Tunisia)
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(subject to changes)