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North- West England- An Analysis Of The Rainfall And River Flows In Two Catchments; Design Of Flood Protection In Hong Kong; An Investigation Of Scale Issues In Coastal Flooding Using A Conceptual Systems Model; The Effect Of Hydraulic Roughness On Design Water Levels In River Models; Spatial Data Architecture For Meteorological/ Hydrological Hazards And Associated Risks Management In Romania Assessing T-year Flood Quantiles By Means Of Bayesian Mcmc simulations: A Case Study At The Myjava River, Slovakia Probability Forecasts For Water Levels In The Deltas Of The Vecht And IJssel In The Netherlands; Comparison Of Several At- Site Flood Frequency Models On A Large Set Of French Discharge Series; Impact Of Canopy Cover On Hydrometeorological Parameters In A Flash Flood- Affected Watershed; Short- Term Runoff Forecasting Using An Adaptive Network- Based Fuzzy Inference System (Anfis) The Impact Of Data Assimilation Strategies For Correcting The Affects Of Erroneous Boundary Conditions Combining Multiple Specialised Models In Flood Context; Predicting Locations Sensitive To Flash Flooding Along Forest Roads Considering Physical Catchment Descriptors; International Comparison Of Flood Hazard Estimation Methods For Dam Safety; A ' Blue Print' For Local System- Based Probabilistic Flood Modelling; An Investigation Of The Waterml2.0 Data Standard For Data Sharing For The Purpose Of Hydrological Forecasting Trends In Extreme High Sea Levels And Implications For Coastal Flood Risk Management

Sommario/riassunto

Flood risk management policy across the European Union is changing, partly in response to the EU Floods Directive and partly because of new scientific approaches and research findings. It involves a move towards comprehensive flood risk management, which requires bringing the following fields/domains closer together: the natural sciences, social sciences and arts; science, policy and practice; and engineering, spatial planning and governance. Naturally, this involves preventive flood risk management and flood event management, as well as learning from the past and considering future global
