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Flood and sewage control in historical coastal cities in Croatia

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In the coastal area of Croatia, there are beautiful touristic cities, Rijeka, Split, and Dubrovnik, located in Adriatic Sea. All of these cities are famous for their historical heritages which attract tourists from all over the world, especially from north and central Europe during summer season. Since those cities are build in centuries ago, the basic drainage system for flood protection sanitation are not modernized. Severe flushflood occurred in Dubrovnik in November 2010 which shows unpreparedness of those cities for such flood risk. On the other hands, all coastal zone in Adriatic Sea are famous for their beautiful coastal area with good quality of water. This presentation introduces the status of those cities focusing on both flood and water quality issues, also associated material circulation from mountain zone in surrounding city area into Adriatic Sea affecting water quality in Adriatic Sea.

Keywords: Adriatic Sea, Historical heritage, Coastal zone, Flushflood, Sanitation system