

Usefulness and necessity of asset management and structural co-operation in sediment management

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Introduction:

Structure seems to be missing in the organisation of sediment management in the Dutch regional surface waters. Some initiatives show that applying asset management principles and co-operation lead to very good results in terms of effective sediment management. Theorem in the presentation: Water managers and stakeholders in regional waters should work according to the principles of 'asset management'. The principles of asset management are in fact very well applicable to maintenance in waterways in general and dredging as a part of that. Asset management implementation in recent years within the organisation of Rijkswaterstaat (Department of Waterways and Public Works) showed some good results. In addition, structural co-operation at all water managers and landowners, can contribute on effective sediment management, for it creates better conditions for example for central data management and effective monitoring, two important factors of Asset management.

Presentation:

The presentation is based on interviews from 2011 with various water managers and land owners in the Netherlands and on experiences of the author/presenter. The interviews were carried out as part of an investigation into co-operation in Dutch water management. This research was carried out by Wageningen University, commissioned by MWH Global. Jonathan van den Berg was the author, supervised by Guido Ritskes (at the time MWH Global) and Erik van Slobbe of Wageningen University.

First, the principles of Asset management will be presented, and it's applicability to sediment management. Possibly, the results of the implementation of asset management at RWS, will be presented. Furthermore the results of the co-operation research and how it related to Asset management will be shows. Finally, recommendations are made to achieve effective sediment management in the Netherlands and abroad.