Landscape connectivity and human interference - some examples

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The way we maintain our rural environments obviously influences the connection of water and sediment to the rivers. For some cases such as pipeline construction this may have a temporal effect only. In other cases like application of rural development plans or simply advancement of agricultural technology the effects may be long lasting. In all cases, quantification of these effects on sediment delivery to streams is difficult. In my presentation I will however discuss and try to quantify these issues using experimental and modelling data.