

C1) Historical evolution of lowland rivers

Conference abstract

2019

- **Candel, J.H.J.**, Makaske, B., Kleinhans, M.G. (2019). Empirical channel pattern predictors – why do they work?. NCR-days 2019 in Utrecht.
- Wallinga, J., Bonnet, S., **Candel, J.H.J.**, Chamberlain, E., Cunningham, A., Quik, C., Reimann, T., Steijsiger, E. Poor bleaching of OSL signals; a novel tool to reconstruct fluvial sediment pathways. Fluvial Archives Group Biennial Meeting 2018 in Liege.
- **Candel, J.H.J.**, Kleinhans, M.G., Makaske, B., Hoek, W.Z., Quik, C., Wallinga, J. (2018). A palaeohydrological reconstruction of a Late-Holocene channel pattern change from laterally stable to meandering. Fluvial Archives Group Biennial Meeting 2018 in Liege.
- **Candel, J.H.J.**, Makaske, B., Kijm, N., Kleinhans, M.G., Storms, J.E.A., Wallinga, J. (2018). The self-constrained Dommel River. Fluvial Archives Group Biennial Meeting 2018 in Liege

2018

- **Candel, J.H.J.**, Makaske, B., Kijm, N., Storms, J.E.A., Wallinga, J. (2018). [Decreasing lateral migration and increasing planform complexity of the Dommel River during the Holocene](#). In: Huismans, Y., Berends, K.D., Niesten, I., Mosselman, E (Eds.). The future river: NCR DAYS 2018 Proceedings. Netherland Centre for River Studies publication 42-2018, 8-9 February 2018, Deltares, Delft, pp. 32.

2017

- **Candel, J.H.J.**, Makaske, B., Wallinga, J., Storms, J.E.A. (2017). [Low-energy stream morphodynamics](#). In: S. Lanzoni, M. Redolfi, G. Zolezzi (Eds.), RCEM 2017 – Back to Italy, 15-22 September, 2017, Padova, Italy, p 188.
- **Candel, J.H.J.**, Kleinhans, M.G., Makaske, B., Hoek, W.Z., Quik, C., Wallinga, J. (2017). [Meander initiation of a laterally stable river during the Late Holocene](#). International Conference Fluvial Sedimentology, July 2017, Calgary, Canada.
- **Candel, J.H.J.**, Makaske, B., Wallinga, J., Storms, J.E.A. (2017). [Stream planform formation in peat-filled valleys](#). International Conference Fluvial Sedimentology, July 2017, Calgary, Canada.
- **Candel, J.H.J.**, Kleinhans, M.G., Makaske, B., Hoek, W.Z., Quik, C., Wallinga, J. (2017). [A palaeohydrological study of a river pattern change in the Overijsselse Vecht](#). In A.J.F. Hoitink, T.V. de Ruijscher, T.J. Geertsema, B. Makaske, J. Wallinga, J.H.J. Candel & J. Poelman (Eds.),

Book of abstracts NCR days 2017, NCR Publication 41-2017, 1-3 February 2017, Wageningen University & Research, pp. 104-105.

2015

- **Candel, J.H.J.**, Makaske, B., Wallinga, J., Storms, J. (2015). [*Holocene lowland stream morphodynamics in a peat-filled valley system*](#). In: H.J.R. Lenders, F.P.L. Collas, G.W. Geerling, R.S.E.W. Leuven (Eds.). Bridging gaps between river science, governance and management. Book of abstracts NCR-days 2015, NCR Publication 39-2015, 1-2 October 2015, Radboud University, Nijmegen, pp. 93-96.

Thesis

2019

- Harkema, T. (in press.). "Channel pattern prediction of Dutch streams". MSc. thesis, Wageningen University & Research. **(student project)**
- Verplak, M. (in press.). "Human influence on the Overijsselse Vecht". MSc. thesis, Wageningen University & Research. **(student project)**

2018

- **Stejsiger, E. (2018)**. "Illuminating the history of fluvial sediments". MSc. thesis, Wageningen University & Research. **(student project)**
- **Kamstra, R. (2018)**. [*The morphodynamic functioning of the Dommel prior to channelization, southern Netherlands*](#). Master Programme Earth & Environment: Soil Geography & Earth Surface Dynamics. Wageningen University. Supervisors/Examinors: Candel, J.H.J., Makaske, B., Wallinga, J. **(student project)**
- Kijm, N. (2018). "Late-Glacial and Holocene stream morphodynamics of the Dommel". MSc. thesis, Wageningen University & Research.

2017

- Moedt, E.H. (2017). "Saalian-Holocene dynamics of the Drentsche Aa valley system". MSc. thesis, Wageningen University & Research.

2016

- Quik, C. (2016). [*Historical morphodynamics of the Overijsselse Vecht: Extreme lateral migration of meander bends caused by drift-sand activity?*](#) Master Programme Earth & Environment: Soil Geography & Earth Surface Dynamics. Wageningen University. Supervisors/Examinors: Makaske, B., Wallinga, J. (**student project awarded as [*best thesis by the Dutch Soil Science Association*](#)**)