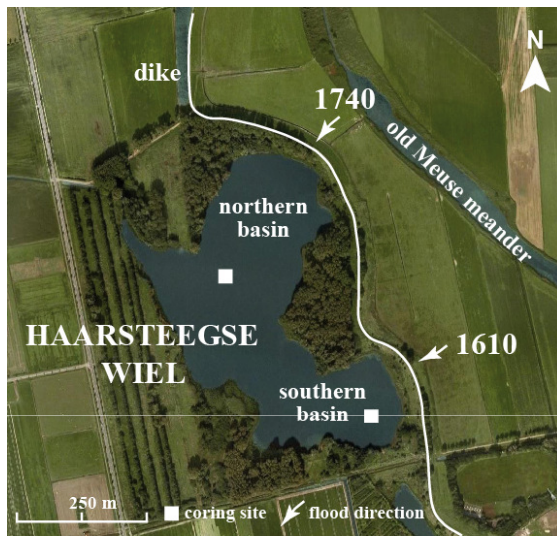
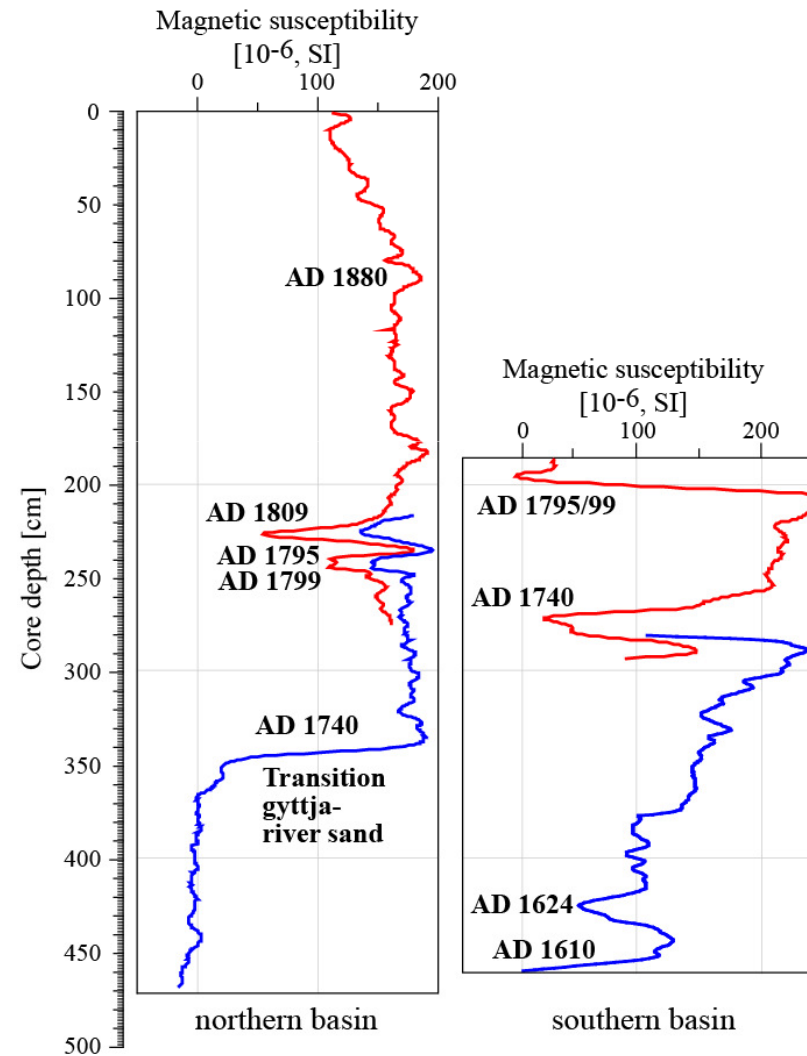


Holger Cremer et al.:

Detecting flooding frequency in the past millennium ...



- 1610 created by flooding
- 7 major floods documented
- lithol., geochem., biol. proxies
- long-term trends of water quality and impact of river floods



Holger Cremer et al.:

Detecting flooding frequency in the past millennium ...

- pollen diversity changes document flooding levels
- signals can be used to detect unknown floods
- total phosphorus indicates eutrophication in past 70 years
- fly ash and chromium deposition indicates industrial activities and pollution

