Patterns of hydrochorous dispersal in agricultural channels

Fabrice Vinatier\textsuperscript{1}, Gabrielle Rudi\textsuperscript{1,2}, Gilles Belaud\textsuperscript{2}, and Jean-Stéphane Bailly\textsuperscript{1,3}

\textsuperscript{1}LISAH, Univ Montpellier, INRA, IRD, Montpellier SupAgro, Montpellier, France
\textsuperscript{2}G–Eau, Univ Montpellier, AgroParisTech, CIRAD, IRD, IRSTEA, Montpellier SupAgro, Montpellier, France
\textsuperscript{3}AgroParisTech, Paris, France

Primary soil ditches during short but intense storms. Furthermore, these man made ditches provide valuable habitat for fauna and flora, but the spread of the weed could be limited by preserving existing hydraulic structures or maintaining areas where the density of terrestrial vegetation is sufficient to enhance seed retention downstream.