Students' and teachers' conceptions of the nature of science: A review of the research
After providing a definition of the nature of science (NOS) for science education, we argue that a pragmatic consensus exists regarding NOS topics most important for a scientifically literate... Hence, it is vital that science teachers and their students gain an understanding of the nature of science, a hybrid field blending aspects of various social studies of science such as the history, sociology and philosophy of science with research from the cognitive science into a rich and useful description of what science is and how it functions.