

Caroline Baille

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Biography

Caroline is the Dupont Canada Chair of Engineering Education Research and Development at Queens University, Kingston, Ontario. Her role is to enhance the learning experience of engineering students, developing their understanding of the social and ethical impact of their disciplines, whilst maintaining her research and teaching interests in materials science and engineering. Between May 2000 and 2003 Caroline was Senior Lecturer in Engineering and the Deputy Director of the UK Centre for Materials Education (UKCME) based in Liverpool – part of the national Learning and Teaching Support Network. Her research interests in materials engineering have developed from a background in composite materials to a focus on natural sustainable composites for low cost buildings. She is also developing an international interdisciplinary network to explore and promote 'Engineering for Social Justice'. She is particularly interested in ways in which science and engineering can help to create solutions for the environment as well as social problems. She has over 100 publications in materials science and education. Her recent books include 'Green Composites' (Woodhead) which looks at the production of environmentally friendly materials and 'Effective Learning and Teaching in Engineering' (Routledge).