**NERC Application Form**

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| **Guidance**  Application forms should be completed and uploaded as an attachment directly on to your candidate profile on our recruitment system.  If you experience any issues uploading your application form please contact the UK SBS HR Team by telephone on 01793 867003 or by email: hr@uksbs.co.uk  When uploading your application please ensure that you include the job reference number in the title of the attachment.  CVs are only accepted as part of the application process if requested in the "how to apply" section of the job posting. CVs submitted without request will not be considered. |

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| **IRC Number** | RC221088 |
| **Job Title** | Land Surface Modeller |
| **Organisation (Council)** | NERC |

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| **Family Name** | Kelley |
| **First Name** | Douglas |

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| **Education, Qualification and Employment Details** | | | | |
| **Current /Most Recent Employer** | | | | |
| **Employer Name** | **University of Reading** | | | |
| **Period of Employment** | From  (MMM-YYYY) | APR – 2014 | To  (MMM-YYYY) | APR – 2016 |
| **Job Title** | Postdoctoral Research Assistant | | | |
| **Location** | **Department of Geography & Environmental Science, UK** | | | |
| **Description of Duties** | Simulating the impacts of future climate change on, vegetation-fire interactions using a coupled dynamic global vegetation model (DGVM). | | | |
| **Previous Employers** | | | | |
| **Employer Name** | Macquarie University | | | |
| **Period of Employment** | *From*  *(MMM-YYYY)* | OCT – 2014 | *To*  *(MMM-YYYY)* | APR – 2015 |
| **Job Title** | Postdoctoral Research Assistant | | | |
| **Location** | Cafe M Research Group, Department of Biological Sciences, Ryde, NSW, Australia | | | |
| **Description of Duties** | Testing the impacts of climate change and fertilization from elevated CO2 on vegetation dynamics and vegetative carbon uptake in conceptual phenology and plant carbon allocation models. | | | |

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| **Employer Name** | Macquarie University | | | | | | |
| **Period of Employment** | *From*  *(MMM-YYYY)* | JUN – 2014 | | | *To*  *(MMM-YYYY)* | OCT – 2014 | |
| **Job Title** | Research Assistant | | | | | | |
| **Location** | Biosphere & Climate Dynamics, Department of Biological Sciences, Ryde, NSW, Australia | | | | | | |
| **Description of Duties** | Modelling the impacts of past and future climate change on vegetation dynamics, and its feedback on hydrology and terrestrial carbon stocks. | | | | | | |
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| **Employer Name** | University of Bristol | | | | | | |
| **Period of Employment** | *From*  *(MMM-YYYY)* | SEP – 2008 | | | *To*  *(MMM-YYYY)* | SEP – 2010 | |
| **Job Title** | Research Assistant | | | | | | |
| **Location** | Department of Geographical Sciences, UK | | | | | | |
| **Description of Duties** | Developing a coupled DGVM-fire model and applying the model to: test the effectiveness of different fire management techniques in current and future climates; and simulate paleo-climate vegetation and carbon stocks. | | | | | | |
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| **Employer Name** | University of Bristol | | | | | | |
| **Period of Employment** | *From*  *(MMM-YYYY)* | | APR – 2008 | *To*  *(MMM-YYYY)* | | | SEP – 2008 |
| **Job Title** | Earth System Science Summer School Coordinator | | | | | | |
| **Location** | Department of Earth Sciences, UK | | | | | | |
| **Description of Duties** | Publicity; lecture and seminar timetabling; finding and organising guest lectures; general admin. | | | | | | |
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| **Employer Name** | University of Bristol | | | | | | |
| **Period of Employment** | *From*  *(MMM-YYYY)* | | SEP – 2007 | *To*  *(MMM-YYYY)* | | | SEP – 2008 |
| **Job Title** | Widening Participation | | | | | | |
| **Location** | Widening Participation Office, University of Bristol, UK | | | | | | |
| **Description of Duties** | Working with students in primary and secondary education to encourage university attendance from low socio-economic backgrounds: helping organise & run university open days and campus tours; school presentations and career evenings. | | | | | | |

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| **Educational Qualifications (Highest Qualification First, School/College Education and above)** | | |
| **Educational Establishment** | Macquarie University | |
| **Location** | Department of Biological Sciences, Ryde, NSW, Australia | |
| **Qualification** | PhD | |
| **Major Subject** | Climate Change Ecology | |
| **Date Received** | Feb 2016 | |
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| **Educational Establishment** | University of Bristol | |
| **Location** | Department of Earth Sciences, Bristol, UK | |
| **Qualification** | MSc | |
| **Major Subject** | Earth System Science | |
| **Date Received** | Jan 2009 | |
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| **Educational Establishment** | | University of Warwick |
| **Location** | | Department of Physics, Coventry, CV4 7AL, UK |
| **Qualification** | | BSc |
| **Major Subject** | | Physics |
| **Date Received** | | Jul 2007 |

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| **Experience in using Information Technology**  Please give details of the software packages you have experience in using and any other IT experience. |
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| **Relevant skills, knowledge and experience**  Please indicate why you are applying for this post and outline how your knowledge, skills and experience meet the competencies required for this role (detailed in the job posting). You should draw on your experiences from your current or previous roles or from other activities you have undertaken. |
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| **I can confirm that the information I have provided is complete and accurate.** | |
| **Print Name** | **DOUGLAS KELLEY** |
| **Date** | **07/04/2016** |