

**International Geographical Union  
Commission on Geographical Education  
2012-2016**



**Newsletter #7 November 2014**

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**Welcome to Newsletter #7!**

Dear Colleagues

After a good IGU Congress in Krakow, we extend our heartfelt thanks to the local organisers in Poland and to all our colleagues who came to Krakow or supported from back home. Reactions regarding the Krakow sessions of the Commission on Geographical Education were: “great to see so many new faces”, “many young people”, “high quality presentations and research”, “good discussions in a nice atmosphere” and “well organised in a beautiful and friendly city”.

Congresses are also the place to do networking. In Krakow and afterwards this networking resulted in several new regional contacts for the Commission on Geographical Education and more countries on our map, see [www.igu-cge.org](http://www.igu-cge.org). We are happy to welcome Canada, Switzerland and 10 countries in South America. We now have a total of 65 regional contacts, from 46 different countries.

Thanks to you all we can look back at 2014 as a very successful year for international geography education. This Newsletter contains some highlights. We hope to continue in the same spirit in 2015: which from the contents of this Newsletter already looks like it will be a busy year. Please also keep in touch with our website, and join our LinkedIn Group. Please join us in improving the quality of geography education worldwide

Merry Christmas and a happy new year.

*Clare Brooks, John Lidstone and Joop van der Schee*

## COMMISSION ON GEOGRAPHICAL EDUCATION NEWS

### International Declaration on Research in Geography Education

The IGU Commission on Geographical Education has discussed in recent Steering Group meetings the development by the UK Committee of a draft **International Declaration on Research in Geography Education**. It has been agreed to take this forward, with the UK Committee leading this work. Two key documents that have been prepared:

- A brief Executive Statement;
- The full draft document: **International Declaration on Research in Geography Education**.

These have been posted on the IGU CGE website: <http://www.igu-cge.org/>. Both documents can be accessed through the link in the box at the top right on the Home page.

At the IGU Regional Conference in Krakow in August Professor Simon Catling gave a presentation about the development of the **International Declaration**. His Powerpoint slides are also posted on the IGU CGE website in the same area as the two **Declaration** documents. He outlines in his presentation the reasons and purpose for developing the **Declaration**.

The UK Committee has been asked to consult widely on the draft of the **Declaration**. It has been sent to the Chairs and/or Secretaries of each of the IGU Commissions and to a number of national geography and geography education associations and societies around the world. We are now asking you, the readers of the CGE Newsletter, to look at the two documents and to provide feedback about them. It will be valuable to have any suggestions, as well as to receive views about whether you support this initiative by the IGU CGE Steering Group and the UK Committee.

**The deadline for receiving feedback is March 1<sup>st</sup>, 2015.**

Please can you send your comments on and views about the **International Declaration** to Professor Simon Catling at [sicatling@brookes.ac.uk](mailto:sicatling@brookes.ac.uk). He has responsibility for this development on the UK Committee and will collect and collate your views.

It is anticipated that there will be a further opportunity to discuss the draft **International Declaration** at the CGE supported Geography Education Symposium in London in April 2015 (for further information see elsewhere in this Newsletter).

### Michael Solem to receive 2015 AAG Grosvenor Honors in Geographic Education

Dr. Michael Solem, AAG Director of Educational Research and Programs, will be presented with the AAG Gilbert Grosvenor Honors in Geographic Education at the 2015 AAG Annual Meeting in Chicago. AAG Honors are the highest awards offered by the Association. They are offered annually to recognize outstanding accomplishments by members in research & scholarship, teaching, education, service to the discipline, public service outside academe and for lifetime achievement. AAG Honors remain among the most prestigious awards in American geography and have been awarded since 1951.

### Research in Geography Education

A reminder also for any new research in geography education to be added to our web-based template to collect and collate information on Geography Education MA, MEd, EDD and PhD theses around the world. Creating this collection will greatly enhance our knowledge about geographical and environmental education. The on-line spread sheet can then be made available for researchers through the IGU-CGE website. We hope that all geography educators with the help of the regional representatives would be able to contribute information on the existing Geography Education theses.

(Geography Education Collection: [https://docs.google.com/forms/d/1nrbVzveqZWDWWdouJfnKAK-ctHDDkWOdt7xxt34mee8/viewform?usp=send\\_form](https://docs.google.com/forms/d/1nrbVzveqZWDWWdouJfnKAK-ctHDDkWOdt7xxt34mee8/viewform?usp=send_form))

## IGU-CGE Treasurer's report

As Commission Treasurer, Michael Solem manages a checking account held at Wells Fargo Bank in Washington, D.C. As of November 15, 2014 there is a total of USD 5,134.21 available in the Commission's account.

The new balance includes a USD 1,000 IGU subsidy to support CGE operating expenses.

## IGU CGE CONFERENCE NEWS

The meetings of the Commission on Geographical Education started with an interesting overview of geography education in Poland by Danuta Pirog. More than 20 people visited this Commission meeting. At the end of the congress week, 50 colleagues attended the closing meeting of the Commission on Geographical Education, which proved to be a lively and engaging event.

During the congress itself there were so many sessions of the Commission on Geographical Education that it was almost impossible to visit sessions of other commissions or task forces. We were delighted with the attendance and range of papers around geography education presented at this year's conference in Krakow. We had approximately 100 papers and 20 posters in the sessions of the Commission on Geographical Education. In addition Eyüp Artvinli and Danuta Pirog organised several interesting sessions about Teacher Education in Geography. Almost all sessions had a good number of participants and there were some excellent discussions.

Workshops for young academics with a specific focus on improving presentation skills (organised by IGU vice-president Joos Droogleever Fortuijn and Joop van der Schee) were a great success.

The social events in Krakow were also very well organised and certainly worth the trip, especially the one to the Wieliczka Salt Mine where an impressive gala dinner took place.

All by all a very good IGU congress in Krakow, many thanks to the local organizers. We hope that we can continue such high quality participation during our next meeting in Moscow.

### 2015 Moscow IGU Congress

We are pleased to announce a range of Commission sessions on Geography Education have been accepted into the Moscow Programme. Full details can be found on the [Congress website](#) but to whet your appetite session titles include:

- Geography Teacher Education: the need for a well-prepared professional body of knowledge.
- Geospatial technologies in geographical education: implications for geographical lessons.
- Integrated school discipline and geography: new challenges and capacities.
- National curricula and international standards for geography education.
- National and international assessment in geography education.
- Empirical and classroom research in geography education
- International links and innovations in geography education
- Sharing the Russian experience in geography education and making connections for schoolteachers
- Special session about The International Year of Global Understanding (IYGU).

We like to bring all sessions under the umbrella of the Commission on Geographical Education to avoid confusion and to optimize discussion. The session about The International Year of Global Understanding (IYGU) is organised together with Professor Benno Werlen (IYGU), Professor Vladimir Kolosov (IGU), Professor Henk Ottens (EUGEO) and Karl Donert (EUROGEO). The panel discussion in this session will focus on the role for geography education in the International Year of Global Understanding (IYGU).

## **The Power of Geographical Thinking, London April 2015**

The Commission is also working with the Institute of Education (now The UCL Institute of Education) in London on the London to organise a conference entitled **The Power of Geographical Thinking**, to be held at the IOE in London on **April 13-15 2015**.

**The deadline for Abstracts has been extended to 7<sup>th</sup> December** – and details of the call for abstracts can be found here: <http://igu-cge-uk.webs.com/2015symposiumcfp.htm>

Early Bird Registration closes on 15<sup>th</sup> January 2015 and can be found here: <http://geography.org.uk/cpdevents/igu-cgeioegeographyeducationconference/>

The conference is being organised by the UK Committee for IGU-CGE with the MA in Geography Education programme team at the IOE.

## **Other conferences**

The NCGE invites all to join us in 2015 to celebrate the 100th anniversary of the Council. A formal celebration will be held the week of the **National Conference on Geography Education** at the JW Marriott in Washington, DC. The conference will run from August 6-9, with pre-conference events starting on August 4. Proposal abstracts [[ncge.org/proposal-page](http://ncge.org/proposal-page)] will be accepted until February 1, 2015. Attendees who will need a visa to visit the United States are encouraged to fill out the form here: [ncge.org/international-attendees](http://ncge.org/international-attendees).

From 1st to 6th October 2015 the **59<sup>th</sup> bi-annual meeting of German geographers** is taking place in Berlin. There will be 23 sessions explicitly concerned with geography education. Each of these sessions can adopt different formats (traditional conference session, round tables, workshops or interactive group discussions), depending on the choice of the respective chairs. The call for papers is open until 11<sup>th</sup> January 2015 ([http://www.dkg2015.hu-berlin.de/index.php?article\\_id=31](http://www.dkg2015.hu-berlin.de/index.php?article_id=31)) with international contributions being very welcome. Sessions topics in geography education include textbook research, competences, teacher professionalism, global learning, ESD, maps and geomeia, systematic thought, construction of models, the meaning of space as well as geography as education for citizenship.

### **(Geography Teacher Educators) GTE Conference, 30 January - 1 February 2015, Oxford UK**

The deadline for submitting Conference contributions and registrations is 30 November. Find out how to submit your contribution and book your place now at <http://geography.org.uk/gtip/gteconferences/>.

### **Geographical Association Annual Conference, 9-11 April 2015, University of Manchester**

If you register before 5 January 2015 you'll save £10 per day on the standard Conference fees. Prices start at just £53 and all full-time and PGCE students get in completely free.

<http://geography.org.uk/cpdevents/annualconference/booking/>

**The Hellenic(Greek) Geographic Society** is having its 10th International Congress in the beautiful city of Salonika Greece from 22 to 24/10/2014. All the information can be found on the conference site

[www.geo.auth.gr/10Geographyconf](http://www.geo.auth.gr/10Geographyconf)

### **2015 AAG Annual Meeting: Chicago, Illinois**

The 2015 AAG Annual Meeting will be held in Chicago, Illinois from April 21-25.

There will be a large number of geography education sessions on the program. One of the featured tracks is "Geography and Online Education", sponsored by the AAG, Esri and the National Center for Research in Geography Education (NCRGE). The track will include papers, panels and keynotes exploring frontiers of practice and research in online education.

The AAG has also organized two paper sessions on the topic of “International and Comparative Education”. Presenters from Japan, India, New Zealand, Germany, Sweden, Spain and the United States will focus on curricula, educational media, standards and other related topics inherent to geography teaching and learning in primary, secondary and higher education.

There will also be sessions for two of NCRGE’s current NSF-funded projects:

1) The GeoProgressions project will be on the program in the form of a panel and workshop. Participants from the October 2014 [GeoProgressions researcher-training workshop](#) will be on hand to discuss emerging research projects on learning progressions for maps, geospatial technology and spatial thinking. Delegates to the AAG Annual Meeting will also have an opportunity to attend a workshop and receive a [handbook](#) for doing learning progressions research.

2) There will also be a panel to present a progress report on NCRGE’s “Geospatial Resources, Materials and Tools for Science, Technology, Engineering and Mathematics (STEM) Teacher Preparation” project. Researchers will demonstrate a ArcGIS Online-based teacher training RMT examining water usage and environmental impacts. The RMT is designed to support standards-based instruction in math, science, and social science, and is being tested with pre-service and in-service teachers at Texas State University and several Geographic Alliances. The panel will explain connections between the RMT and Esri’s ConnectED initiative and outline plans for future a NSF application for a national expansion of the project.

For more information visit <http://www.aag.org/annualmeeting>.

#### **Learning with Geomedia @ GI-Forum (Salzburg, Austria, July 7-10th, 2015)**

The annual track Learning with Geomedia at the GI-Forum invites contributions for papers, presentations and workshops reporting on empirical research and pedagogical developments in the field as well as best practice examples. Contributions are published in the online-journal after a double blind review process.

Submission deadline: Feb.1, 2015

More Information: [www.gi-forum.org](http://www.gi-forum.org)

#### **International Conference on Geography Education March 6-7, 2015**

Held at Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh, organized in collaboration with the University of Education, Freiburg, Germany. For more details please email:

[geogconference2015@yahoo.com](mailto:geogconference2015@yahoo.com)

## Further announcements on Geographical Education



### **Dr Ken Purnell pictured with Dr. Joe Stoltman in October.**

Ken is the recipient of the 2014 Outstanding Alumni Award from the Department of Geography at Western Michigan University where Joe is a Professor. Ken completed his MA (Hons) at WMU in 1979 and his PhD at the University of

New South Wales in 1991. Ken is on the Curriculum Committee for Queensland, Australia and involved in approving the K-12 Geography syllabuses. Ken was also Editor of Geographical Education and Head of Education at Central Queensland University.

**Standards and progress in geography:** The GA (Geographical Association) has now developed subject specific guidance for teachers of geography for setting up a system for assessing without levels. It outlines what it means to make progress in geography, providing age-specific expectations for 7, 9, 11 and 14 years. The guidance can be found at: <http://www.geography.org.uk/news/2014nationalcurriculum/assessment/>

**Curriculum making support:** two new titles are now available in the GA's KS3 Geography Teachers' Toolkit series '*Introducing India: What are the opportunities and challenges for the future?*' and '*The Role of Stones: How do rocks shape our world?*' These toolkits provide ten fully-resourced lessons and additional material on teaching the topic. [http://www.geography.org.uk/shop/shop\\_detail.asp?ID=772&section=11](http://www.geography.org.uk/shop/shop_detail.asp?ID=772&section=11)

### **International Network for Learning and Teaching (INLT) Geography**

The INLT was established at the International Symposium for Learning and Teaching Geography in Higher Education in 1999. Meetings have been held regularly at AAG annual conferences and IGU congresses, with workshops at the IGU Congress in Glasgow (2004), the regional IGU congress in Brisbane (2006), the AAG in Washington DC (2010), and in conjunction with the CGGE at Bangalore, India (2012). The outcomes from these writing workshops have been published in the Journal of Geography in Higher Education in Vols 30(1); 32(1); 35(3).

The aim of the network is to improve the quality and status of learning and teaching of geography in higher education internationally.

To join simply sign up to our list at <http://www.ucd.ie/inlt/inltlistserv/>

### **Rural writing retreat August 2014**

Over thirty higher education geography academics and postgraduate students followed the Royal Geographical Society Annual Conference with a writing retreat in rural Surrey, UK. Participants came from nine countries and gathered in groups to write papers for the Journal of Geography in Higher Education (JGHE) at this year's INLT event. Topics included future directions for geography, communicating the value of geography, the location of geography within universities, the GeoCapabilities we develop in our students and GIS problem-based learning. Two further groups explored different aspects of students as partners in learning which had been related to the conference theme of Co-production.

**Joseph Kerski** has written 5 new hands-on investigative activities on **World Geography** that use free live web maps (ArcGIS Online) to teach about world cities, ocean currents, agriculture, volcanoes, and more, listed in this gallery: <http://denverro.maps.arcgis.com/apps/PublicGallery/index.html?appid=41c4f119e0d54893ad8de669d240ca7b&group=160f2751a87f4842a4d46a6734c13f1b>

He has also written 5 new hands-on investigative activities on **Mathematics** that use free live web maps (ArcGIS Online) to teach about measurement, probability, ranges, geometry, and more, listed in this gallery: <http://denverro.maps.arcgis.com/apps/PublicGallery/index.html?appid=163ef17aaf344a1daded8571cc6e3803&group=d4958ae883734648b1ef29f7a71861b3>

All geared to Year 6 but can be modified for upper secondary or university level, and modified for lower primary level.

### **News on Geography Education in Italy**

Geography recovers one hour in secondary schools in Italy (Technical-Professional Institutes). This is today's positive result following the harsh penalisation that the subject underwent in the 2010-11 reform, thanks also to considerable international mobilisation, which actively answered the appeal launched by the Italian geographers and the Italian Association of Geography Teachers (see: <http://www.j-reading.org/index.php/geography/pages/view/editoriale>).

### **A news relating to environmental education from Iran:**

After decades of energetic activity about green schools and Eco-schools in the world, fewer results can be found from Iranian researchers. On the other hand, already, a Ph.D. thesis being appointed by Hossein Meiboudi under the supervision of Dr. Akramolmolouk Lahijanian and Seyed Mohammad Shobeiri, in Faculty of Environment and Energy, Science and Research branch, Islamic Azad University, Tehran, Iran.

The ICA Commission on Cartography and Children are organizing the **Barbara Petchenik World Map Design Competition 2015 for Children**. The Barbara Petchenik Competition 2015 was officially opened last October. In 2015, this biannual international award has a special connotation, because it is organized on the frame of activities programmed within the International Map Year, a world-wide celebration for all the friends of the maps that was initiated by the International Cartographic Association (ICA) for the 2015/2016 year.

Detailed information: ICA website (<http://icaci.org/petchenik/>), website of the Commission on Cartography and Children (<http://lazarus.elte.hu/ccc/ccc.htm>), Facebook profile of the ICA Commission on Cartography and Children (<https://www.facebook.com/icacc>)

### **GeoCapabilities update**

GeoCapabilities is an international collaborative project researching the purposes and values of geography in secondary schools. It is based on Amartya Sen and Martha Nussbaum's ideas for a "capabilities approach" to human welfare development. Through international comparative methods, the project seeks to identify the ways geography education is contributing to human potential and wellbeing in diverse contexts.

GeoCapabilities staff are developing an online teacher-training course designed to prepare geography teachers to apply the capabilities approach for curriculum making in schools. The course will be previewed at workshops scheduled for the 2015 AAG Annual Meeting in Chicago and the 2015 EUGEO conference in Budapest.

For further details, visit [www.geocapabilities.org](http://www.geocapabilities.org). Visitors to the website can also access and subscribe to the official (and free!) GeoCapabilities newsletter.

### **GeoProgressions research handbook and workshop**

How do children progress in their knowledge and understanding of geographic and spatial concepts? What are the influences of maps and geospatial technologies in that learning process?

Questions of this nature are at the heart of the GeoProgressions project, funded by the U.S. National Science Foundation to build capacity for researching learning progressions in geography.

A GeoProgressions workshop held in Washington, D.C. on October 9-12, 2014 has organized and prepared teams of researchers to carry out core foundational research on learning progressions for maps, geospatial technology and spatial thinking. To support their efforts, the project published a research handbook that presents examples of learning progressions and research models from math and science education.

For more information about GeoProgressions and links to the handbook and workshop videos, visit [www.ncrge.org/projects/geoprogressions](http://www.ncrge.org/projects/geoprogressions).

### **Esri-ConnectED launches program providing free ArcGIS Online accounts to schools**

ConnectED is President Obama's initiative to lever contributions by technology industry leaders like Microsoft, Amazon, Esri, and others to help propel U.S. K-12 education toward a digital future. Esri's contribution to ConnectED began with its offer to donate ArcGIS Online subscriptions to every public, private and home school in the U.S. The contribution sets the stage for transformative advancements in the capacity of American schools to enhance the geographic literacy and proficiency of elementary and secondary students in STEM classrooms.

In fall 2014, Esri, along with collaborators including AAG, GISCI, Maps.com, statewide Geography Alliances, and the University of Minnesota, launched a program to support meaningful adoptions of ArcGIS Online at 25,000 schools. At the same time, new research led by the National Center for Research in Geography Education (NCRGE) has investigated how ArcGIS Online and related technologies will potentially operate within interdisciplinary STEM pedagogical frameworks.

The Esri-ConnectED support strategy consists of substantial new efforts to (1) create standards-based curricular solutions that educators across a spectrum of subject areas can adopt with ease; (2) create and curate the collection of publicly-available webmap content upon which the solutions are based; (3) greatly expand teacher professional development opportunities with ArcGIS Online; and (4) establish a nationwide network of GIS professionals and adult students who volunteer to help teachers as "geomentors."

A special panel for the Esri-ConnectED program has been scheduled for the 2015 AAG Annual Meeting in Chicago. For more information, visit the Esri-ConnectED website at <http://connected.esri.com>.

## **Publications**

### **New book in 2014 on climate change education.**

Climate Change Education: Knowing, doing and being by Chew-Hung Chang, was published in May 2014 by Routledge. This book discusses what education for climate change entails, examines the concept of Climate Change Education (CCE) itself, how it can be taught in schools and how public education can be carried out. It instructs what specific subject matter to teach for CCE, and how to evaluate the student learning on the subject. Chapters include:

- CCE in the Formal Curriculum
- Teacher readiness for CCE
- Assessment for and of CCE
- Lessons from CCE for Public Education

*Climate Change Education* is an extremely useful resource for anyone involved in educating students on climate change and also for those interested in climate change itself.

URL: <http://www.routledge.com/books/details/9780415641968/>

**MasterClass in Geography Education** provides a comprehensive exploration of the major themes in geography education research and pedagogy, drawing on international research. Graham Butt (the editor) draws together a variety of professional, academic and practitioner perspectives to support professional development of geography teachers. The book incorporates discussion of the place of subject knowledge in geography, the role and function of research in geography education and the relationship between research and practice.

Topics covered include:

- research and professional practice
- constructing geographical knowledge
- ethical considerations
- carrying out research projects

MasterClass in Geography Education will be essential reading for all studying the teaching and learning of geography on initial teacher education and Education MEd/MA courses.

<http://www.bloomsbury.com/uk/masterclass-in-geography-education-9781472535719/>

**New publications in geographical and environmental education** from David Örbring: **Geografiska perspektiv i utbildning av lärare i samhällskunskap**2014 (In Swedish) In: Nordidactica: Journal of Humanities and Social Science Education, ISSN 2000-9879, nr 2014:1, 41-52 (Peer Reviewed)

<http://kau.diva-portal.org/smash/record.jsf?pid=diva2%3A736182&dswid=-1735>

A new e-textbook available on [www.en.mymaps4you.com](http://www.en.mymaps4you.com) " On the way from the Globe to maps of our land" intended to teach map skills for Grade 5th Elementary School

### Rolf Jucker: **Do We Know What We Are Doing? Reflections on Learning, Knowledge, Economics, Community and Sustainability**

A personal analysis of the UN Decade of ESD. It is an attempt to truly take seriously a systemic approach and understanding of the state we are in. I then try to assess what this means for education. In Rolf's view this leads to a paradigm shift and radical reconceptualization of how we need to understand and practice learning. Arjen Wals has aptly called this hybrid social learning.

<http://www.cambridgescholars.com/do-we-know-what-we-are-doing-reflections-on-learning-knowledge-economics-community-and-sustainability>

Rolf Jucker & Reiner Mathar (Eds.): **Schooling for Sustainable Development in Europe. Concepts, Policies and Educational Experiences at the End of the UN Decade of Education for Sustainable Development** [Series: Schooling for Sustainable Development, Vol. 6].

<http://www.springer.com/social+sciences/population+studies/book/978-3-319-09548-6?countryChanged=true&detailsPage=authorsAndEditors>

You can also buy & read all the individual chapters online at:

<http://link.springer.com/book/10.1007%2F978-3-319-09549-3>

### **Some Recent Publications of possible interest to geography educators**

(As ever our thanks go to Professor Simon Catling for assembling such an impressive list!)

#### **Geographical and environmental studies**

Burkett, P. (2014) *Marx and Nature: A Red and Green Perspective*. Chicago: HaymarketBooks.

Dorling, D. (2014) *Inequality and the 1%*. London: Verso.

Jacques, P. (2015) *Sustainability: The Basics*. London: Routledge.

Jones, R. (2015) *Psychology of Sustainability: An Applied Perspective*. New York: Routledge.

Klein, N. (2014) *This Changes Everything: Capitalism vs. the Climate*. London: Allen Lane.

Robertson, M. (2014) *Sustainability: Principles and Practice*. Abingdon: Routledge.

Sinton, D. with Bednarz, S., Gersmehl, P., Kolvoord, R. & Uttal, D. (2013) *The People's Guide to Spatial Thinking*. Washington, D.C.: National Council for Geographic Education.

Tuck, E. & McKenzie (2015) *Place in Research: Theory, methodology and methods*. New York: Routledge.

#### **Cartography**

Brotton, J. (2014) *Great Maps: The World's masterpieces explored and explained*. London: Dorling Kindersley.

Mitchell, R. & Janes, A. (2014) *Maps: Their untold stories*. London: Bloomsbury.

#### **Cartography/geography/poetry**

Miller, K. (2014) *The Cartographer Tries to Map a Way to Zion*. Manchester: Carcanet Press.

#### **Children's Geographies**

Aitken, S. (2014) *The Ethnopoetics of Space and Transformation; Young people's engagement, activism and aesthetics*. Farnham: Ashgate.

Balagopalan, S. (2014) *Inhabiting 'Childhood': Children, labour and schooling in postcolonial India*. Basingstoke: Palgrave Macmillan.

Cregan, K. & Cuthbert, D. (2014) *Global Childhood: Issues and Debates*. London: Sage.

Evans, R. & Holt, L. (Eds.) (2014) *Diverse Spaces of Childhood and Youth: Gender and other socio-cultural differences*. Abingdon: Routledge.

Jachimiak, P (2014) *Remembering the Cultural Geographies of a Childhood Home*. Farnham: Ashgate.

Lee, N. (2013) *Childhood and Biopolitics: Climate change, life processes and human features*. Basingstoke: Palgrave Macmillan.

### **Geographical and environmental education**

Barlow, A., Cracknell, G., Jackson, E., Kavanagh, P. & Pickford, T. (2014) *100 Geography Lessons: Years 5-6*. Witney: Scholastic.

Bourn, D. (2015) *The Theory and Practice of Development Education*. Abingdon: Routledge.

Cutter-Mackenzie, A., Edwards, S., Moore, D. & Boyd, W. (2014) *Young Children's Play and Environmental Education in Early Childhood Education*. London: Springer.

Davis, J. & Elliott, S. (Eds.) (2014) *Research in Early Childhood Education for Sustainability*. London: Routledge.

de Miguel Gonzáles, R. & Donert, K. (Eds.) (2014) *Innovative Learning Geography in Europe: New Challenges for the 21<sup>st</sup> Century*. Newcastle upon Tyne: Cambridge Scholars Publishing.

Harber, C. (2014) *Education and International Development*. Oxford: Symposium Books.

Jackson, E. & Pickford, T. (2014) *100 Geography Lessons: Years 3-4*. Witney: Scholastic.

Jones, M. & Whitehouse, S. (2014) *Jumpstart! Geography: Engaging activities for ages 7-12*. London: David Fulton.

Lee, J. C.-K. & Efir, R. (Eds.) (2014) *Schooling for Sustainable Development Across the Pacific*. Dordrecht: Springer.

Martusewicz, R., Edmundson, J. & Lupinacci, J. (2015) *Ecojustice Education*. New York: Routledge. (2<sup>nd</sup> edition)

Pickwell, L. (2014) *100 Geography Lessons: Years 1-2*. Witney: Scholastic.

Young, M. & Lambert, D. With Roberts, C. & Roberts, M. (2014) *Knowledge and the Future School*. London: Bloomsbury.

### **Of geographical interest**

Kroener, I. (2014) *CCTV: A technology under the radar?* Farnham: Ashgate.

*Clare Brooks - Executive Secretary to the IGU.CGÉ*



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IGU-CGE Website: <http://www.igu-cge.org/>