

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Nathalie Stephenne**
Address(es) 237 rue de Dave, B-5100 Jambes, Belgium
Telephone(s) 32-081302361 (home) 00 32 498 116117 (mobile)
E-mail natsteph@gmail.com
Nationality Belgian
Date of birth 21/09/1971
Gender female

Desired employment / Occupational field

Geographical modelling scientist

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>From September 2018</p> <p>Expert in geomatic and responsible of the Working group on Remote Sensing at SPW (Service Public Wallonie – Public Services of Wallonia)</p> <p>Coordination and management of the data used as geo-reference for the region. Follow up of the Operational Strategy of Geomatic in the quality of these basic data and the potential of research and remote sensing to cover the needs of the administration and partners:</p> <p>SPW – Geomatic Department Chaussée de Charleroi 83bis, 5000 Namur (Salzinnes)</p> <p>Management of Geomatic projects in coordination with research for the Walloon Administration</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>From September 2012 until Augustus 2017</p> <p>Director of the Remote Sensing and geodata Unit at ISSeP (Scientific Institute for Public Services)</p> <p>Environmental geo-modelling and integration of spatial data with a focus to remote sensing in several themes at the scale of the Walloon region within projects requested by Walloon authorities:</p> <ul style="list-style-type: none"> - mining waste (EU directive), - river sediments (waste and river management, risks assessment) - environmental risks to health - smart urban management (territorial planning) <p>ISSeP Rue du Chéra 200, 4000 Liège</p> <p>Geo-modelling in research and scientific projects for the Walloon Region</p>
<p>Dates</p> <p>Occupation or position held</p>	<p>From Augustus 2009 until June 2012</p> <p>Project management and business development at Walphot / Eurosense</p>

Main activities and responsibilities	Project management in Walphot: photogrammetric data production and analysis for specific purposes such as 3D airport obstacles, rapid mapping tools to deal with risks in case of man-made disasters, ... Scientific and commercial management in Eurosense for GMES (Global Monitoring for Environment and Security) projects using remote sensing technology: <ul style="list-style-type: none"> - 3WSA Wallonia World Wide Space Applications (Walloon Region), - REDDiness EO in REDD (Reducing Emission from Deforestation and forest Degradation) in GMES for Africa – (FP7-SICA project), - EO4REDD (with the Walloon Region) - G-MOSAIC GMES services for Management of Operations, Situation Awareness and Intelligence for regional Crises, - SAFER Services and Application For Emergency Response, - EUROLAND – geoland2: Develop and demonstrate European geo-information services REDD Team leading and project development: 5 persons
Name and address of employer	Eurosense Avenue des Nerviens 54, 1780 Wemmel, Bruxelles
Type of business or sector	Remote Sensing and Photogrammetry within European research/commercial projects
Dates	From March 2009 until Augustus 2009
Occupation or position held	Research Assistant at ISPI (Istituto per gli Studi di Politica Internazionale)
Main activities and responsibilities	Research on GIS applications in security <ul style="list-style-type: none"> - Follow up of GIS tools development in Caucasus socio-political context - Application to Central Asia and Turkey contexts (Collaboration with Italian Center for Turkish Studies (ICTS) et le « Desk Turkey in Equilibri ») - Research and workshop participation
Name and address of employer	Istituto per gli Studi di Politica Internazionale Via Clerici, 5, 20121 Milano, Italy
Type of business or sector	Technological development in Socio-Political research
Dates	From February 2005 until October 2008
Occupation or position held	Post doctoral / agent contract at the EC-DG Joint Research Center
Main activities and responsibilities	Research on geomodelling tools and spatial concepts in security <ul style="list-style-type: none"> - Participation in the remote sensing team (meetings, test cases, operational studies) - Development of a permeability model of the EU-25 “green” land border - Survey about illegal migrations : questionnaires sent to EU border authorities - Multi-criteria (MC) system supported by a fuzzy spatio-temporal reasoning approach - Development of a decision support system using MC for instability in the Caucasus - Modelling approach using socio-economical analysis combined to expert knowledge. - Data Harmonization and data quality assessment using Geographical Information System (GIS) - Gender dimensions in security and vulnerability early monitoring assessment - Management of work packages in competitive international projects/ Workshop organisation
Name and address of employer	EC-DG Joint Research Center Via Fermi 1, 21027 Ispra (VA), Italy
Type of business or sector	Scientific and technical support in European Union decision making
Dates	From October 2002 to December 2004
Occupation or position held	Research Assistant / Research collaborator
Main activities and responsibilities	Improving Spatial Information Extraction For Local And Regional Authorities Using Very-High-Resolution (VHR) Data –“Spider” project of BELSPO <ul style="list-style-type: none"> - Automated extraction of thematic, land cover / land use related information from VHR data in urban / suburban environments. Comparison of various classification methods - Assessment of spatial information needs as expressed by local and regional Belgian authorities - Survey and questionnaire analysis : cost analysis and user needs definition - International and national collaborations/ publications/ students coordination
Name and address of employer	Institut Gestion Et Aménagement du Territoire (IGEAT) –Free University Brussel (ULB) Av. F. Roosevelt, 50 CP 130/02, B-1050 Bruxelles, Belgium
Type of business or sector	Federal research project (BELSPO)

Dates	From October 1996 to January 2002
Occupation or position held	Research Assistant with FNRS (Fonds National de la Recherche Scientifique) fellowship
Main activities and responsibilities	Personal research finalised by the PhD thesis untitled : " A dynamic simulation model to understand land-use change processes in the Sudano-sahelian region (SALU – SAhelian Land Use) <ul style="list-style-type: none"> - Modelling / socio-economical analysis / simulation of geographical and ecological processes of land-use changes / Climatic change study / geodatabase management - Collaboration with local and international partners, among them with the CEH Wallingford, UK - Supervision of MSc students, lectures on modelling concepts and applications for post-graduates - Administrative tasks in University organisation
Name and address of employer	Fond National Recherche Scientifique, rue d'Egmont 5, B1000 Bruxelles, Belgium (research institution: University of Louvain)
Type of business or sector	Academic Research
Dates	From March 1996 to May 1996
Occupation or position held	Project assistant, I-Mage Consult (Private Company)
Main activities and responsibilities	Technical support on the cartography of European bathing water quality : database management (Access) and support to decision making (management of EU project)
Name and address of employer	I-Mage Consult Rue de Gembloux, 122, B- 5002 Saint-Servais (Namur), Belgium
Type of business or sector	Scientific and technical research project in private sector
Dates	From October 1993 to July 1994
Occupation or position held	Teaching and Research Assistant, University of Louvain (UCL)
Main activities and responsibilities	<ul style="list-style-type: none"> - Lectures in Regional Geography, Developing Countries, Geographic Information Systems / practical lessons coordination / students supervision on master's thesis - Field work on landscape quality analysis in Belgium (5/1994), and in Senegal 01/1994
Name and address of employer	Geography Department, University of Louvain (UCL) 3, place Pasteur, B-1348 Louvain-la-Neuve, Belgium
Type of business or sector	Education / academic

Education and training

Dates	From October 1996 to January 2002
Title of qualification awarded	PhD in Sciences / Laureate of the Belgian Royal Academy of Overseas Science in 2000 (PhD published in ORSTOM memoire serie)
Principal subjects/occupational skills covered	Representation of our current understanding of land use changes processes in a dynamic simulation model (SALU – SAhelian Land Use) <ul style="list-style-type: none"> - Extensive review of ecological / agrological processes through case studies readings. - Development of SALU using Stella software - Quantitative and temporal analysis of statistical data - Input-output model: SALU time series used as input in Global Circulation Model (GCM)
Name and type of organisation providing education and training	Geography Department, University of Louvain (UCL) 3, place Pasteur, B-1348 Louvain-la-Neuve, Belgium
Dates	From June 1996 to September 1996
Title of qualification awarded	Study grant
Principal subjects/occupational skills covered	Geography Seminars at University Contacts with International organizations as World Resource Institute, World Wild Fund, ...
Name and type of organisation providing education and training	Geography Department, University of Maryland 2181 LeFrak Hall, College Park MD 20742, US
Dates	From September 1994 to September 1995
Title of qualification awarded	Master diploma in Development (Economical, Social and Political Sciences)
Principal subjects/occupational skills covered	Lectures in economy, sociology, anthropology, politic, history, demography and environment in the context of developing countries / thesis on "environmental degradation in West Africa"

Name and type of organisation providing education and training | Department of Sciences of Population and Development (SPED), University of Louvain (UCL)
1 place Montesquieu, boîte 4, B-1348 Louvain-la-Neuve, Belgium

Dates | From September 1989 to September 1993

Title of qualification awarded | **Licence in Geographical Sciences**

Principal subjects/occupational skills covered | Lectures in Sciences, Physical and Human Geography, Geographic Information Systems, Remote Sensing / Field work in Senegal / thesis on "Spatial analysis of agricultural statistics evolution in Sahelian Africa (CILSS)" in collaboration with Dr. Bartholomé of the JRC Ec, Ispra, Italy

Name and type of organisation providing education and training | Geography Department, University of Louvain (UCL)
3, place Pasteur, B-1348 Louvain-la-Neuve, Belgium

Personal skills and competences

Mother tongue(s) | **French**

Other language(s)

Self-assessment

European level (*)

English

Italian

Dutch

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Social skills and competences | Team and group ability (leading of a social group during leisure time)
Interest and experience in multicultural and multilingual communication (international trips and stays / job experience in EC community)

Organisational skills and competences | Management experience gained through the European Network of Excellence (work package leading)
Organisational skills (family and professional life balance)

Technical skills and competences | Cartography (technical training within the JRC)
Public communication improved through training and seminar (2008 and 2003)

Computer skills and competences | (everyday use: Word, Excel, Powerpoint , Outlook) (trainings and frequent use : Systat, Access)
Adobe Illustrator (trainings) / Questionnaire software – Le Sphinx- /
REMOTE SENSING AND GIS SOFTWARES : Arc Gis 10; Arc/View , Idrisi , Ecognition and past experiences in using Carto 2D, Canvas, PCI, Erdas
MODELLING SOFTWARE : Stella / CommonGIS

Artistic skills and competences | Guitar basic education (6years) / art interest (1year of Art Conservatoire)

Other skills and competences | Initiator of a community association (VareseFrancofolie)

Driving licence | Category B

Additional information | References supplied on request

Annexe | Publication list

Nathalie Stephenne

List of Publications

Peer-Reviewed Papers :

- Stephenne N., E. F. Lambin, 2001, A dynamic simulation model of land-use changes in Sudano-sahelian countries of Africa (SALU), *Agriculture, Ecosystems & Environment*, 85 (1-3), pp. 145-161.
- Taylor, C. M., E. F. Lambin, N. Stephenne, R. J. Harding and R. L. H. Essery (2002). "The influence of land use change on climate in the Sahel." *Journal of Climate* 15(24): 3615-3629.
- Stephenne N., E. F. Lambin, 2005, Scenarios of land-use changes in sudano-sahelian countries of africa: understanding the driving forces of environmental change, *Geojournal* 61, pp. 365-379.
- Burnley, C., N. Stephenne and M. Agüera-Cabo, 2008, Gender Dimensions in Geo-Spatial Security Research: Disciplinary Confrontations, *Journal of International Women's Studies*, Vol 9 no 4.
- Stephenne N., C. Burnley, D. Ehrlich, 2009, Analyzing Spatial Drivers in Quantitative Conflict Studies: the Potential and Challenges of Geographic Information Systems, *International Review Studies*, 11.3, pp 502-522.
- Tambuyzer H., Deleu J., Dosselaere N. and Stephenne N., 2010, Building an Earth Observation flood risk analysis portfolio responding to the flood directive, *Italian Journal of Remote Sensing - 2010*, 42 (3): 77-87
- Stephenne N., Bauwens I., Rahm M. Dosselaere N., 2011, Monitoring the reopening of roads in the Democratic Republic of Congo with Earth Observation data, *EARSeL eProceedings vol10 n2 pp131-148*, eproceedings.org
- Stephenne N., Fripiat C. Veschkens M. Salmon M. Pacyna D., 2014, Use of lidar high resolution DEM for risk stability analysis, *EARSeL eProceedings vol13 SP1 pp24-30*, eproceedings.org
- Beaumont B., T. Grippa, M. Lennert, S. Vanhuysse, N. Stephenne, E. Wolff, 2017. Toward an operational framework for fine-scale urban land-cover mapping in Wallonia using submeter remote sensing and ancillary vector data. *J. Appl. Remote Sens.* 11(3), 036011 (2017), doi: 10.1117/1.JRS.11.036011.
- Grippa T., M. Lennert, B. Beaumont, S. Vanhuysse, N. Stephenne, E. Wolff, 2017. An open source semi-automated processing chain for urban object-based classification. *Remote Sens.* 2017, o, 358; doi: 10.3390/rs9040358.

Books :

- Stephenne N., 2002. Un modèle dynamique de simulation pour comprendre les processus de changements d'utilisation du sol dans la région soudano-sahélienne. Académie Royale des Sciences d'Outre-Mer (KAOW-ARSOM), Classe des Sciences Naturelles et Médicales, Bruxelles, Série Mémoire n° 25, fasc. 2, 146 p, ISBN 90-75652-26-7.
- Stephenne, N. and M. Pesaresi, , 2006, Spatial Permeability Model at the European Union Land Border, EUR report 22332 (Luxembourg: European Commission / DG-JRC / IPSC).
- Stephenne N., Burnley, C. and M. Agüera-Cabo, 2006, Proceedings of the GMOSS 'Gender and Security Conference', EUR report 22519 (Luxembourg: European Commission / DG-JRC / IPSC).
- Stephenne N. and C. Macdonald, 2007, Building a spatial decision support system for conflict prevention in the Caucasus. Harmonization of heterogeneous sources and data quality assessment procedures, EUR report 22949 (Luxembourg: European Commission / DG-JRC / IPSC). ISBN 978-92-79-07140-9
- Stephenne N. Burnley C., Kayitakire F., Di Mauro C., Savin I., Caravaggi I., Rucevska I., Radvanyi J. , 2009, Consultative assessment and Geographical Information Systems techniques to develop a regional spatial decision support model of instability . test case on the Caucasus region, EUR report 23692 (Luxembourg: European Commission / DG-JRC / IPSC). ISBN 978-92-79-11087-0

Book chapters:

- Stephenne N., Lambin E.F. 2001. Backward land-cover change projections for the sudano-sahelian countries of africa with a dynamic simulation model of land-use change (SALU). In: Present and future of modeling global environmental change - towards integrated modeling., Ed. T. Matsuno and H. Kida, Terra Scientific Publishing Company, Tokyo, Pp. 255-270.
- Stephenne N., 2006. "Geographical Information System / Sahelian Land Use Model (SALU) / Land Use Planning / Land Evaluation / Resilience / Indigenous Knowledge", In: Geist H, ed. The earth's changing land: An encyclopedia of land use and land cover change, Greenwood Publishing Group: Westport, CT.
- Stephenne N. and G. Zeug, 2007, Border permeability modelling: technical specifications at global and local scale, in Zeug G. and Pesaresi M. (eds), *Global Monitoring for Security and Stability (GMOSS)- Integrated Scientific Technological Research supporting security aspects of the European Union*, EUR report 23033 (Luxembourg: EC / DG-JRC / IPSC).
- Lacroix V., N.Stephenne, C. Burnley, I. Neumeyer, 2007, GMOSS Gender Action Plan. in Zeug G. and M. Pesaresi (eds), *Global Monitoring for Security and Stability (GMOSS)- Integrated Scientific Technological Research supporting security aspects of the European Union*, EUR report 23033 (Luxembourg: EC / DG-JRC / IPSC).
- Stephenne N., Magoni R., Laneve G., 2009, From real time border monitoring to a permeability model, in B. Jasani, M. Pesaresi & S. Schneiderbauer (eds) *Remote Sensing from Space: Supporting International Peace and Security: Supporting International Peace and Security*, Springer Netherlands pp. 239-259.
- Burnley C., Stephenne N., D. Buda, D. Ehrlich., 2009, Definitions, concepts and geospatial dimensions of security, in B. Jasani, M. Pesaresi & S. Schneiderbauer (eds) *Remote Sensing from Space: Supporting International Peace and Security*, Springer Netherlands pp. 3-19.
- van den Broek B., R. Kiefl, T. Riedlinger, K. Scholte, K. Granica, K. Gutjahr, N. Stephenne, R. Binet, A. de la Cruz, 2009, Rapid mapping and damage assessment, in B. Jasani, M. Pesaresi & S. Schneiderbauer (eds) *Remote Sensing from Space: Supporting International Peace and Security*, Springer Netherlands pp. 261-286.

- Dosselaere N., Stephenne N., 2011, REDDINESS – Support C-Africa in EO driven forest monitoring for REDD, Schulte-Braucks et al. (Eds) "Let's embrace space", European Commission.
- Cayet L., Stephenne N., De Backer S., Baudot Y. and Mertens D., 2012, Reducing Greenhouse Gas Emissions in Wells et al. The Growing use of GMES across Europe's Regions, ESA-NEREUS publication.
- Stephenne N., Delloye C., Mertens B., Vrieling, 2012, REDDiness – Support EO-driven forest and carbon monitoring in Central Africa for REDD, in Breger et al. Let's Embrace Space Vol.11, European Commission.

Reports :

- Stephenne, N., F. Canters and E. Wolff, 2004, Geographic information needs of local and regional authorities in Belgium : potential of VHR image data for local and regional decision makers. Survey report, Belgian Science Policy, Research contract SR/00/02.
- Magoni R., N. Stéphenne, K. Stančová, D. Buda, M. Pesaresi, 2006, Migration at the EU-25 land border: Data issues and a preliminary permeability model, EU confidential technical report (IPSC/TN/2006017)

Proceedings:

- Stephenne N., Wolff E., De Genst W., Canters F., 2004, Interactivity with the urban information users in land-use/land-cover information extraction from VHR data, SPIE 10th International Symposium on Remote Sensing, Conference n° 5239 – Remote Sensing for Environmental Monitoring, GIS Applications and Geology III, Barcelona, Spain, 8-12 September 2003, Edited by Ehlers, Manfred; Kaufmann, Hermann J.; Michel, Ulrich. Proceedings of the SPIE, Volume 5239, pp. 262-273.
- Van de Voorde, T., De Genst W., Canters F., Stephenne N., Wolff E., Binard M., 2004, Extraction of Land Use / Land Cover - Related Information from Very High Resolution Data in Urban and Suburban Areas, 23rd EARSeL Annual Symposium 2003, Gent, Belgium; 2-5 June 2003.
- Stephenne, N., F. Canters and E. Wolff, 2004, Geographic information needs of local and regional authorities in Belgium, Proceedings of the 24th Urban Data Management Symposium (UDMS 2004), October 27-29, 2004, Chioggia - Venice, Italy
- Stephenne N., 2010, Supporting Authorities by Digital Earth Services for Preventing Risks, Assessing Damages and Monitoring Critical Assets, CD Proceedings of The 3rd ISDE Digital Earth Summit, 12-14 June, 2010, Editors: T. Bandrova, M. Konecny , ISBN:978-954-724-039-1.
- Dosselaere N., Stephenne N., 2011, REDDINESS – Support C-Africa in EO driven forest monitoring for REDD, to be presented at the FP7 space conference called "Let's embrace space", on the 12-13 May 2011, Budapest, Hungary.
- Burnley C., Maas A., Stephenne N., Bauwens I., Wania A., Blaes X., Kemper T., 2011, Use of Earth Observation and ancillary data for Sub-national Conflict Analysis: A Case Study in the North Kivu Province of the Democratic Republic of Congo, presented at the FP7 space conference called "Let's embrace space", on the 12-13 May 2011, Budapest, Hungary.
- Stephenne N., Remy S., Eloy S., Stassen F. and Defoux J., 2013, A Walloon spatial simulation model of risk in environment and health, in Brebbia C. and Kiss R. (eds), Environmental health Risk VII, pp 35-46, WITPress, England.
- Stephenne N., Fripiat C. Veschkens M. Pacyna D., 2013, From European to Walloon management of mining waste deposit. Earth observation in regional planning, In Lasaponara R. et al. (eds), Towards Horizon 2020. Earth Observation and social perspectives, 33rd EARSeL Symposium, 3-6 June 2013 - Matera, Italy.
- Fripiat C.C., N. Stéphenne, M. Veschkens, D. Pacyna, 2013, Adaptation of the European Union risk assessment protocol for the pre-inventory of Walloon mining waste Deposits, In M. Tibbett, A.B. Fourie and C. Digby (eds) Mine Closure 2013, Australian Centre for Geomechanics, Perth, ISBN 978-0-9870937-4-5 p 495-507
- Stephenne N., Fripiat C. Veschkens M. Salmon M. Pacyna D., 2014, Use of lidar high resolution DEM for risk stability analysis, In Zagajewski. et al. (eds), European remote sensing - new opportunities for science and practice, 34rd EARSeL Symposium, 16-20 June – Warsaw, Poland.
- Beaumont B., Bouvy A., Stephenne N., Mathoux P., Bastin J-F, Baudot Y., and Akkermans T., Combining satellite, aerial and ground measurements to assess forest carbon stocks in Democratic Republic of Congo, Geophysical Research Abstracts Vol. 17, EGU2015-4765-4, 2015 EGU General Assembly 2015, Vienne
- Stephenne N., Veschkens M., Palm S., Charlemagne C., Defoux J., 2015, A webGIS Methodology to Support Sediments Management in Wallonia, International Science Index vol 17 (5) part IX, 2015, International Conference Geographical Information Systems ICGIS May 18-19, Paris, WASET, eISSN: 1307-6892
- Close O., Stéphenne N, Fripiat C., 2016, Impact of DEM Processing on the Geotechnical Instability Analysis of Waste Heaps in Wallonia, in C-P Rückemann and Y. Doytsher, (ed) GEOProcessing 2016, The Eighth International Conference on Advanced Geographic Information Systems, Applications, and Services, ISSN: 2308-393X, ISBN: 978-1-61208-469-5
- Stephenne N., B. Beaumont, E. Hallot, E. Wolff, L. Poelmans, C. Baltus, 2016. Sustainable and smart city planning using spatial data in Wallonia. ISPRS Annals of Photogrammetry, Remote Sensing and Spatial Information Sciences. Volume IV-4/W1, 2016. 1st International Conference on Smart Data and Smart Cities, 30th UDMS, 7-9 September 2016. Split, Croatia.
- Hallot E., L. Poelmans, I. Uljee, B. Beaumont, N. Stephenne, 2016. Localiser la population urbaine pour optimiser la gestion du Territoire. RUGC 2016, Liège, Mai 25-27, Belgique.
- Grippa T., M. Lennert, B. Beaumont, S. Vanhuysse, N. Stephenne, E. Wolff, 2016. An open-source semi-automated processing chain for urban OBIA classification. GEOBIA 2016. 14-16 September 2016. Twente, The Netherlands.

Conferences:

- Stephenne N., Lambin, E.F., Taylor, C., 2001. A dynamic simulation model of land-use changes (SALU). IGBP Open Science Conference, Amsterdam, the Netherlands, 10-13 July 2001.
- Binard M., E. Frauman, T. Van De Voorde, N. Stephenne, W. De Genst, Y. Cornet, E. Wolff, F. Canters, 2004, Classification of VHR satellite images in urban and suburban areas, poster présenté lors de la troisième journée de rencontre du Programme de recherche en observation de la terre "STEREO" et "VEGETATION", Bruxelles, Belgique, 6 mai 2004.

- Stephene, N. and Magoni R., 2006, Migration through the EU-25 land border: Data issues and initial results of a permeability model, presented at the second challenge training school : "security, technology, borders, EU responses to new challenges", CEPS, 6-7 October 2006, Brussels, Belgium.
- Stephene N., G. Zeug, and D. Ehrlich, 2007, Disaster Risk Assessment of Built-up Areas Using VHR Satellite Imagery, presented at the "Seventh Annual IIASA-DPRI Forum on Integrated Disaster Risk Management. Coping with Disasters: Global Challenge for the 21st Century and Beyond", Stresa, 19-21 September 2007, Lago Maggiore, Italy
- Stephene N. and Lacroix V., 2007, Gender actions in the Network of Excellence "Global MONitoring for Security and Stability (GMOSS)", presented at the European Workshop on Gender Mainstreaming, CMA Virtual Integrated Unit on Gender Mainstreaming, Marseilles, March 29-30, 2007.
- Stephene N. and D. Ehrlich, 2007, "Spatial concepts and geo-technologies in quantitative security studies: a review" presented at the 27th EARSeL Symposium Geoinformation in Europe, GMES (Global Monitoring for Environment and Security) workshop, in Bolzano/Bozen, Italy, 7 to 8 June 2007.
- Stephene N. F. Kayitakire, C. Burnley, C. Di Mauro, 2009, Caucasus project and geomodelling approach in Security Research, presented at the International Workshop Modelling instability in the Caucasus region, JRC Ispra, Italy, 12 January 2009.
- Frappi C., N. Stephene, 2009, Overview of Energy Resources in Central Asia, presented at the Workshop on Natural Resources and Armed Conflicts, at JRC Ispra, Italy, 08-09 June 2009.
- Burnley C. and N. Stephene, 2009, Potential integration of news event data in a spatial representation of instability in the Caucasus region, 15th International Conference InterCarto InterGIS Ghent, Belgium, July 3-6.
- Stephene N., Stassart M., 2010, View of a company, Walphot, with a Walloon Cluster, Skywin, in the Mobile and Satellite-enabled Services, European Cluster Conference 2010: World-Class Clusters Renewing European Industry, 29 September – 1 October 2010, Brussels, Belgium.
- Stephene N., 2010, Increasing European security in addressing International human risks by combining remote sensing data with socio-economical information, Workshop "Let's embrace Space", EC- FP8 Space Research Hearing event, 8 December 2010 in Brussels, Belgium.
- Stephene N., Brunson A., Hansroul M., Bauwens I., 2011, Geo-services using Earth Observation (EO) and ancillary data in prevention of Seveso directive: 3WSA project (Wallonia World Wide Space Applications), presented at the International Conference "Data Flow from Space to Earth, Applications and interoperability", in Venice, Italy 21-23 th March.
- Stephene N., Deleu J., Brunson A., Tambuyzer H., Bauwens I., Leen J., Van Wolvelaer J., Dosselaere N., 2011, Population density and assets mapping for human security, presented at the Second workshop "Earth Observation program - Global Monitoring of Environment and Security Operational Capacity" held in Sofia, Bulgaria, on the 17-18th of March.
- Stephene N., Tambuyzer H., Bauwens I., Dosselaere N., Rusu L., 2011, Monitoring European human security: quantitative and qualitative multi-risk assessment on affected people, damages and impact. Abstract accepted for the proceedings of the TIEMS 18th Annual Conference 2011, Bucharest, Romania from 7th-10th June 2011.
- Bauwens I., Stephene N., Dosselaere N., 2011, Monitoring the reopening of roads in the Democratic Republic of Congo with EO data, Abstract accepted for the 31st EARSeL Symposium 2 – 3 June 2011, Prague, Czech Republic,
- Deleu J., Stephene N., Tambuyzer H., 2011, Multi risk preparedness supported by Earth Observation, abstract accepted for publication in the proceedings of the Gi4DM 2011 Conference 03 May to 08 May 2011 in Antalya, Turkey
- Stephene N., Beaumont B., Veschkens M., Goossens R., Tigny V., Hemroulle P., 2015, Risk of spontaneous combustion in Belgium mining waste deposits, Earsel 35th conference 15-19 June proceedings, Stockholm
- Beaumont B., Akkermans T., Bouvy A., Stephene N., 2015, Forest stratification to accurately assess carbon stockchanges in Democratic Republic of Congo: EO4REDD project, Earsel 35th conference 15-19 June proceedings, Stockholm
- Stephene N., Beaumont B., Veschkens M., Palm S., Charlemagne C., 2015, Spatial data uncertainty in a webGIS tool supporting sediments management in Wallonia, ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISSDQ 2015 - The 9th International Symposium on Spatial Data Quality 29-30 septembre, La Grande Motte
- Beaumont B., N. Stephene, E. Hallot, L. Poelmans, 2016. Land-use change modelling for sustainable risk management in Belgium. 36th EARSeL, Bonn June 20-24, Germany.
- Beaumont B., N. Stephene, E. Wolff, L. Poelmans, C. Baltus, 2016. User participation in SmartPop methodology of updating the Walloon Land Use Land Cover map. ESA Living Planet Symposium, Prague May 09-13, Czech Republic.
- Beaumont B., N. Stephene, E. Hallot, L. Poelmans, O. Close, 2016. A common land-use change model for both the Walloon and Flanders regions in Belgium. GEOProcessing 2016, Venice April 24-28, Italy.