

CURRICULUM VITAE

Personal information

Surname: PĂTRU-STUPARIU
Christian names: GEORGETA-ILEANA
Academic degree: PhD
Date of birth: December 14, 1970
Place of birth: Calafat, Romania
Citizenship: Romanian
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University and graduate studies

1989-1993 Faculty of Geography, University of Bucharest
1993 Master Degree (Diploma) in Geography, University of Bucharest
1993-1999 PhD-student, with a position as assistant at the Faculty of Geography,
University of Bucharest
1999 PhD, University of Bucharest
Title of the thesis: *Culoarul transcarpatic Bran-Rucar-Dragoslavele, studiu de geografie fizica si evaluarea peisajului (The transcarpathian passageway Bran-Rucar-Dragoslavele: physical geography and landscape assessment)*
Advisor: Prof. Dr. V. Velcea

Academic positions

1993-1996	Subassistant, Faculty of Geography, University of Bucharest
1996-2000	Assistant, Faculty of Geography, University of Bucharest
2000-2002	Assistant professor, Faculty of Geography, University of Bucharest
2002-2006	Associate professor, Faculty of Geography, University of Bucharest
Since Oct. 2006	Professor, Faculty of Geography, University of Bucharest
Since 2007	PhD advisor

Research fellowships

April-July 1996	University of Liege
June 2003	University of Liege
September 2003	University of Lyon, University of Grenoble
October 2003	University of Liege
October 2004	University of Liege

Teaching fellowships

May 2001	University of Bari, University Roma Tre (Rome)
May 2002	University Roma Tre (Rome)
April 2003	University Roma Tre (Rome)
May 2004	University Paris XII
May 2005	University Paris XII
March 2006	University Paris XII

Domains of competence

Landscape assessment: the scientific interests in this topic are related to landscape assessment maps creation, landscape assessment matrix, which were applied to the area studied in the PhD thesis and in the Subcarpathians;

Regional geography: related to this topic we notice the researches in the Carpathian and Subcarpathian area (Bran-Rucar-Dragoslavele passageway, Curvature Subcarpathians);

Physical Geography of Romania: correlations between the physical-geographic parameters;

Geographical statistics: applications of statistical methods and techniques to different research themes and in the PhD Thesis. These methods already belong to geographical language and to GIS applied in landscape assessment.

Scientific activity

Research papers

1. M. Ielenicz, I. Patru, C. Tudose: *A slope model for the Curvature Subcarpathians, Romania*, Z. Geomorph. N. F. Berlin-Stuttgart, august 1997, 179-184.
2. G. Manea, I. Patru, M. Ene, R. Oprea: *Indicii de apreciere a dinamicii peisajului in Carpatii Meridionali (Indices for assessment of landscape dynamics in Southern Carpathians)*, Comunicari de Geografie, **VII** (2003), 565-568.
3. F. Grecu, I. Patru, L. Comanescu: *Factori de conditionare ai dezvoltarii durabile in culoarele transcarpatice (Conditioning factors of sustainable development in transcarpathian corridors)*, Analele Univ. Craiova, Seria Geografie, **IV** (2003), 17-24.
4. F. Grecu, Ph. Ramez, I. Zavoianu, Ph. Frey, L. Zaharia, I. Patru, N. Mathys, L. Comanescu, M. Visan: *Recherches preliminaires sur le terrain dans le cadre du programme d'actions integrees (PAI) Brancusi*, Comunicari de Geografie, **VIII** (2004), 15-26.
5. A. Ozer, I. Patru, A. Abdellaoui, M. Ielenicz: *L'imagerie satellitale et suivi du risque naturel en Roumanie: glissement de terrain sur la vallee de Prahova*, Revista de Geomorfologie, **6** (2004).
6. I. Patru, O. Dewitte, M. Ielenicz, Gh. Visan, A. Demoulin: *Evaluation de la cinématique de glissements de terrain a Breaza*, Comunicari de Geografie, **IX** (2005).

7. A. Ozer, I. Patru, A. Abdellaoui, M. Ielenicz, Gh. Visan, M. Visan: *L'imagerie satellitale et son usage pour delimitier les zones de glissement cas de la Vallee de Prahova*, Analele Universitatii Bucuresti – Geografie, 2005.
8. A. Ozer, A. Abdellaoui, I. Patru, M. Ielenicz: *Opportunitate de l'utilisatiune de l'imagerie satellitale moyenne resolution dans le cas de phenomenes defaible etendue, cas des volcans de boue*, Revista de Geomorfologie, 7 (2005).
9. I. Patru: *Variabile de grille utilizate in inregistrarea in teren a atributelor fizice, estetice si psihologice ale peisajului (Grid variables used in terrain measurement of physical, aesthetical and psychological landscape attributes)*, Comunicari de Geografie, X (2006), 491-493.
10. I. Patru: *Landscape study in Bran-Rucar-Dragoslavele Passage, Research in Piatra Craiului National Park*, Journal of Transilvania University of Brasov (2006), 70-75.
11. A. Abdellaoui, A. Ozer, N. Benblidia, I. Patru, M. Ielenicz: *Technique de clonage de pixels pour l'analyse d'objets de faible surface a l'aide d'une image satellitaire a moyenne resolution spatiale: application aux glissements de terrain de la vallee de la Prahova (Roumanie)*, Teledetection, 6 (2006), 3, 233 -246.
12. M. Stupariu, I. Patru-Stupariu: *Modele matematice utilizate in evaluarea in teren a peisajului (Mathematical models in terrain landscape assessment)*, Comunicari de Geografie XI (2007), 517-519.

Books and lecture notes

1. I. Patru: *Initiere in statistica aplicata in Geografie (Introduction to statistics in geography)*, Bucharest, 1998.
2. I. Patru: *Culoarul transcarpatic Bran-Rucar-Dragoslavele, studiu de geografie fizica si evaluarea peisajului (The transcarpathian passageway Bran-Rucar-Dragoslavele: physical geography and landscape assessment)*, Bucharest, 2001.
3. M. Ielenicz, I. Patru, M. Ghincea: *Subcarpatii Romaniei (Romanian Subcarpathians)*, Bucharest, 2003.
4. M. Ielenicz, I. Patru, L. Comanescu, B. Mihai, A. Nedelea, R. Oprea: *Dictionar de Geografie Fizica (Dictionary of Physical Geography)*, Bucharest, 2004.
5. M. Ielenicz, I. Patru: *Curs de Geografia Fizica a Romaniei (Physical Geography of Romania - Lecture Notes)*, Bucharest, 2005.

6. F. Grecu (ed.): *Lucrari si rapoarte de cercetare (Research reports)*, Vol.1, Bucharest, 2005, contributions at pp. 183-191, 195-207.
7. I. Patru-Stupariu, L. Zaharia, R. Oprea: *Curs de Geografia Fizica a Romaniei - Clima, Apele, Vegetatia, Solurile (Physical Geography of Romania – Climate, Waters, Vegetation, Soils)*, Bucharest, 2006.

Invited talks

1. M. Ielenicz, I. Patru: *The curvature Subcarpathians. Slope modelling systems*, IAG, European Regional Geomorphological Conference, Budapest, April 1996.
2. M. Ielenicz, I. Patru, M. Bogdan: *Man-relief relation among middle mountain spaces - A comparative case study*, Fourth international Conference on Geomorphology, Bologna, August 1997.
3. L. Zaharia, I. Sarbu, I. Patru: *Spatial variation of main physical and chemical indicators of water in the Cerna Gulf*, The 3rd edition of the Regional Conference of Geography, with the topic Danube - Mures - Cris - Tisa Euroregion, Geo-economical space of sustainable development, Timisoara – Novi Sad, May 1998.
4. I.Patru: *Landscape assessment for the Bran-Rucar-Dragoslavele passageway*, Balkan Conference of Geomorphology, Baile Herculane, October 1998.
5. I.Patru: *Les bassins Podu Dambovitei: la carte geomorphologique 1:25.000*, The fifth Romanian-Italian workshop of geomorphology, Bucharest, May 2000.
6. I.Patru: *Le potentiel d'habitat des Carpates Meridionales*, The sixth Romanian-Italian workshop of geomorphology, Bari, May 2001.
7. F. Grecu, L. Comanescu, I. Patru: *Le massif de Bucegi. Le rôle de la pente dans la dynamique des formations superficielles et dynamique activit e humaine*, Colloque European Hommes et Pays, Annecy, October 2002.
8. A. Ozer, A. Abdellaoui, I. Patru, M. Ielenicz: *Apports de l' imagerie satellitale et du SIG a l'analyse du georsique en Roumanie*, Les X–eme Journees Scientifique du Reseau Teledetection de l'AUF, Ottawa, May 2004.
9. O. Dewitte, I. Patru, Gh. Visan, M. Visan: *Utilisation de la photogrammetrie numerique pour l' etude de glissements de terrain en Roumanie*, Les X–eme Journees Scientifique du Reseau Teledetection de l'AUF, Ottawa, May 2004.

10. I. Patru: *Utilisation des images satellitaire dans l'estimation du rapport entre les resineux et les feuilles dans les forets du bassin versant superieur de la Prahova*, Reunion d'animation scientifique du Reseau Teledetection, Bucharest, April 2005.
11. A. Ozer, A. Abdellaoui, I. Patru, M. Ielenicz: *Apports de l'imagerie satellitale dans l'etude des Georisques en Roumanie, son usage pour les zones des glissements (Cas De La Vallee De La Prahova)*, Zaragoza, 2005. Abstract published in *Revue de geomorphologie*, p.166.
12. F. Grecu, M. Ielenicz, I. Marin, Al. Nedelea, I. Patru, V. Popa, G. Visan: *Le risque geomorphologique en differents Geosystemes territorials*, Constantine, M'sila, Algeria, March 2006.
13. M. Ielenicz, F. Grecu, I. Marin, Al. Nedelea, I. Patru, V. Popa, G. Visan: *Types de paysages geographiques en Roumanie*, M'sila Algeria, March 2006.
14. Gh. Visan, F. Grecu, R. Oprea, I. Patru-Stupariu: *La pression antropique en geosystemes urbaines de collines et de montagne en Roumanie* M'sila, Algeria, November 2006.
15. M. Stupariu, I. Patru-Stupariu, R. Cuculici: *Landscape metrics for assessment of mountain landscape using GIS applications*, IAG Regional Conference on Geomorphology: Landslides, Floods and Global Environmental Change in Mountain Regions, Brasov, September 2008.

Research projects

Project manager of the following research projects:

a) International Projects

1. *The use of photogrammetry in the study of landslide dynamics*, funded by Research and Technology Ministry - Belgium, 2003-2004.
2. *Apports de la teledetection pour l'etude des georisques en Roumanie*, funded by AUF, 2003-2005.

b) National Projects:

1. *Dinamica si evaluarea peisajului in culoarele montane din Carpatii Sudici (Landscape dynamics and assessment in mountainous passageways of the Southern Carpathians)*, funded by The National University Research Council in Romania, 2001-2002.

2. *Metode si mijloace de prioritizare a peisajelor Subcarpatilor dintre Prahova si Ramnicul Sarat in vederea gestionarii lor durabile (Sustainable management of Subcarpathian landscapes: prioritizing methods and means)*, funded by The National University Research Council in Romania, 2006-2008.
3. *Development and implementation of an algorithm for landscape assessment and prognosis. Application to the mountainous and subcarpathian sector of the Prahova Valley*, funded by The National University Research Council in Romania, 2009-2011.

Organizational activities

Since 1996	Referee of the journal Comunicari de Geografie (Geographical Reports), Bucharest
Since 1997	Coordinator of the Erasmus-Socrates programme, Faculty of Geography
2000-2004	Scientific Secretary of the Faculty of Geography
2004	Vice Dean of the Faculty of Geography
2004-2008	Dean of the Faculty of Geography
Since 2004	AUF expert evaluator for student fellowships
April 2005	Organizer of the AUF Workshop 'Reunion d'animation scientifique du Reseau Teledetection'
Since 2006	Expert evaluator of the National University Research Council
Since 2008	Referee of the journal Teledetection
Since 2008	Head of the Regional Geography Chair, Faculty of Geography