

Facultatea de Chimie, Biologie, Geografie
Departamentul de Geografie
Conferențiar universitar, poziția 8

Tematica probelor de concurs

1. Relieful periglaciar
2. Relieful glaciar
3. Metode geofizice utilizate în geomorfologia aplicată
4. Dendrocronologia și geomorfologia aplicată
5. Cartografierea geomorfologică în geomorfologia aplicată

Bibliografia probelor de concurs

1. Alestalo J., 1971. Dendrochronological interpretation of geomorphic processes, *Fennia* nr. 105, Helsinki, 1-140.
2. Allison, R., J., 2002. Applied geomorphology, John Wiley & Sons.
3. Anderson, R.S., Anderson, S.P. 2010. *Geomorphology: The Mechanics and Chemistry of Landscape*, 1st Edition, Cambridge University Press.
4. Ballantyne, C.K., 2018. *Periglacial geomorphology*. Oxford, Wiley.
5. Barsch, D., 1996, *Rock Glaciers: Indicators for the Present and Former Geoecology in High Mountain Environments*. Springer, Berlin and New York
6. Constantinescu, P., Moldoveanu, T., Ștefănescu, D., Vâjdea, V., Visarion, M., 1979, *Geofizicainginerescă*, Editura Tehnică, Bucureşti.
7. Evans, D., 2004. *Glacial geomorphology*. Routledge.
8. French, H.M., 2007. *The Periglacial Environment (Third Edition)*. Wiley, Chichester.
9. Gutierrez, M. 2005. *Climatic Geomorphology*, Elsevier Science.
10. Ichim, I., 1978, Preliminary observations on the rock glaciers phenomenon in the Romanian Carpathians, *Rev. roum. géol., géophys., géogr., Géographie*, 23, 2, 295-299
11. Irimuș, I., 1997. *Cartografiere geomorfologică*, Cluj Napoca. Focul Viu.
12. Goudie, A.S., 2004. *Encyclopedia of Geomorphology*, Routledge, London.
13. Kneisel, C., Hauck, C., 2008, Electrical methods, In: Hauck, C. and Kneisel, C., (ed.), *Applied geophysics in periglacial environments*. Cambridge University Press, Cambridge. 3-27.
14. Kogelnig-Mayer, B., Stoffel, M., Schneuwly-Bollschweiler, M., Hübl, J., Rudolf-Miklau, F., 2011. Possibilities and limitations of dendrogeomorphic time-series reconstructions on sites influenced by debris flows and frequent snow avalanche activity. *Arctic, Antarctic, and Alpine Research* 43, 649–658.

16. Loke, M.H., 2004, Lecture notes on 2D and 3D electrical imaging surveys. Available in pdf-format on www.geoelectrical.com.
17. Matsuoka, N., 2001, Solifluction rates, processes and landforms: a global review, *Earth-Science Reviews*, 55, 107-134.
18. Milsom, J., 2003, *Field Geophysics*, third edition, John Wiley & Sons Editure, Chichester, U.K
19. Mîndrescu, M., 2016. *Geomorfometria circurilor glaciare din Carpații Românești*. Editura Universității „Ştefan cel Mare”, Suceava.
20. Niculescu, Gh., 1994, La recherche du relief glaciaire et cryo-nival dans les Carpates Roumaines - résultats et perspectives, *Rev. roum. de géographie*, 38, 11-20.
21. Rădoane, M., Ichim, I., Dumitriu, D., 2000-2001. *Geomorfologie* (vol. II), Edit. Universității din Suceava, Suceava.
22. Rădoane, M., Rădoane, N., 2007. *Geomorfologia aplicată*. Edit. Universității din Suceava.
23. Rădoane, M., Cristea, I., Rădoane, N., 2011, *Cartografierea geomorfologică. Evoluție și tendințe*, Revista de geomorfologie, 13, 19-39.
24. Reynolds, J., M., 1997, *An introduction to applied and environmental geophysics*, John Wiley & Sons Ltd, Chichester&London.
25. Schrott, L., Saas, O., 2008, Application of field geophysics in geomorphology: Advances and limitation exemplified by case studies, *Geomorphology*, 93, 55-73.
26. Schneuwly D.M., Stoffel M., 2008. Tree-ring based reconstruction of the seasonal timing, major events and origin of rockfall on a case-study slope in the Swiss Alps. *Natural Hazards and Earth System Science* 8, 203-211.
27. Seijmonsbergen, A.C., 2013. The Modern Geomorphological Map. In: *Treatise on Geomorphology*, p. 35-52. Shroder, J.F., Ed., San Diego, Academic Press.
28. Sîrcu, I., 1977, Quelques considerations sur les phénomènes périglaciaires de la Roumanie et le problème du phénomène de permafrost, Anal. șt. Univ. „Al. I. Cuza” Iași, (Serie nouă), secț. II, *Geologie-Geografie*, XXIII, 119-121.
29. Smith, M., Paron, P., Griffiths, J., 2011. *Geomorphological mapping* (vol. 15) in *Developments in Earth Surface Processes*, Elsevier.
30. Stoffel M., 2008. Dating past geomorphic processes with tangential rows of traumatic resin ducts. *Dendrochronologia* 26 (1), 53-60.
31. Stoffel M., Bollschweiler M., 2009. What tree rings can tell about earth-surface processes. *Teaching the principles of dendrogeomorphology*, *Geography Compass* 3, 1013-1037.
32. Strahler, A., Strahler, A., 2006. *Introducing Physical Geography* (fourth edition). John Wiley & Sons. Inc.
33. Summerfield, M., 1991. *Global geomorphology. An introduction to the study of landforms*. New York, Wiley.
34. Tarolli, P., Mudd, S., 2020. *Remote sensing of geomorphology* (vol. 23), in *Developments in Earth Surface Processes*, Elsevier.

35. Thornbush, M.J., Allen, C.D., Fitzpatrick, F.A., 2011. Geomorphological Fieldwork in Developments in Earth Surface Processes, Elsevier.
36. Urdea, P., 2000a, Munții Retezat. Studiu geomorfologic, Edit. Academiei Române, București, 272 p
37. Washburn, A.L., 1979, Geocryology. A survey of periglacial processes and environments, Edward Arnold, London, 406 p
38. Ballantyne, C.K., 2018. Periglacial geomorphology. Oxford, Wiley.
39. Barsch, D., 1996, Rock Glaciers: Indicators for the Present and Former Geoecology in High
40. Mountain Environments. Springer, Berlin and New York
41. French, H.M., 2007. The Periglacial Environment (Third Edition). Wiley, Chichester.
42. Gutierrez, M. 2005. Climatic Geomorphology, Elsevier Science.
43. Ichim, I., 1978, Preliminary observations on the rock glaciers phenomenon in the Romanian Carpathians, Rev. roum. géol., géophys., géogr., Géographie, 23, 2, 295-299
44. Rădoane, M., Ichim, I., Dumitriu, D., 2000-2001. Geomorfologie (vol. II), Edit. Universității din Suceava, Suceava.
45. Sîrcu, I., 1977, Quelques considerations sur les phénomènes périglaciaires de la Roumanie et le problème du phénomène de permafrost, Anal. șt. Univ. „Al. I. Cuza” Iași, (Serie nouă), secț. II, Geologie-Geografie, XXIII, 119-121.
46. Urdea, P., 2000a, Munții Retezat. Studiu geomorfologic, Edit. Academiei Române, București, 272 p
47. Washburn, A.L., 1979, Geocryology. A survey of periglacial processes and environments, Edward Arnold, London, 406 p
48. Anderson, R.S., Anderson, S.P. 2010. Geomorphology: The Mechanics and Chemistry of Landscape, 1st Edition, Cambridge University Press.
49. Evans, D., 2004. Glacial geomorphology. Routledge.
50. Gutierrez, M. 2005. Climatic Geomorphology, Elsevier Science.
51. Mîndrescu, M., 2016. Geomorfometria circurilor glaciare din Carpații Românești. Editura Universității „Ștefan cel Mare”, Suceava.
52. Niculescu, Gh., 1994, La recherche du relief glaciaire et cryo-nival dans les Carpates Roumaines - résultats et perspectives, Rev. roum. de géographie, 38, 11-20.
53. Rădoane, M., Ichim, I., Dumitriu, D., 2000-2001. Geomorfologie (vol. II), Edit. Universității din Suceava, Suceava.
54. Strahler, A., Strahler, A., 2006. Introducing Physical Geography (fourth edition). John Wiley & Sons. Inc.
55. Summerfield, M., 1991. Global geomorphology. An introduction to the study of landforms. New York, Wiley.
56. Urdea, P. 2005. Ghețarii și relieful, Edit. Univ. de Vest, Timișoara.
57. Constantinescu, P., Moldoveanu, T., Ștefănescu, D., Vâjdea, V., Visarion, M., 1979, Geofizica inginerescă, Editura Tehnică, București.

58. Kneisel, C., Hauck, C., 2008, Electrical methods, In: Hauck, C. and Kneisel, C., (ed.), Applied geophysics in periglacial environments. Cambridge University Press, Cambridge. 3-27.
59. Loke, M.H., 2004, Lecture notes on 2D and 3D electrical imaging surveys. Available in pdf-format on www.geoelectrical.com.
60. Milsom, J., 2003, Field Geophysics, third edition, John Wiley & Sons Editure, Chichester, U.K
61. Reynolds, J., M., 1997, An introduction to applied and environmental geophysics, John Wiley & Sons Ltd, Chichester&London.
62. Schrott, L., Saas, O., 2008, Application of field geophysics in geomorphology: Advances and limitation exemplified by case studies, *Geomorphology*, 93, 55-73.
63. Alestalo J., 1971. Dendrochronological interpretation of geomorphic processes, *Fennia* nr. 105, Helsinki, 1-140.
64. Allison, R., J., 2002. Applied geomorphology, John Willey & Sons.
65. Bollschweiler M., Stoffel M., Schneuwly D.M., 2007. Reconstructing spatio-temporal patterns of debris-flow activity with dendrogeomorphological methods, *Geomorphology*, 87, 337–351.
66. Butler D. R., Sawyer C. F., 2008. Dendrogeomorphology and high-magnitude snow avalanches: a review and case study. *Natural Hazards and Earth System Sciences*, vol. 8, 303-309.
67. Kogelnig-Mayer, B., Stoffel, M., Schneuwly-Bollschweiler, M., Hübl, J., Rudolf-Miklau, F., 2011. Possibilities and limitations of dendrogeomorphic time-series reconstructions on sites influenced by debris flows and frequent snow avalanche activity. *Arctic, Antarctic, and Alpine Research* 43, 649–658.
68. Schneuwly D.M., Stoffel M., 2008. Tree-ring based reconstruction of the seasonal timing, major events and origin of rockfall on a case-study slope in the Swiss Alps. *Natural Hazards and Earth System Science* 8, 203-211.
69. Stoffel M., 2008. Dating past geomorphic processes with tangential rows of traumatic resin ducts. *Dendrochronologia* 26 (1), 53-60.
70. Stoffel M., Bollschweiler M., 2009. What tree rings can tell about earth-surface processes. *Teaching the principles of dendrogeomorphology, Geography Compass* 3, 1013-1037.
71. Irimuș, I., 1997. Cartografiere geomorfologică, Cluj Napoca. Focul Viu.
72. Goudie, A.S., 2004. Encyclopedia of Geomorphology, Routledge, London.
73. Rădoane, M., Rădoane, N., 2007. Geomorfologia aplicată. Edit. Universității din Suceava.
74. Rădoane, M., Cristea, I., Rădoane, N., 2011, Cartografierea geomorfologică. Evoluție și tendințe, *Revista de geomorfologie*, 13, 19-39.
75. Smith, M., Paron, P., Griffiths, J., 2011. Geomorphological mapping (vol. 15) in *Developments in Earth Surface Processes*, Elsevier.
76. Seijmonsbergen, A.C., 2013. The Modern Geomorphological Map. In: *Treatise on Geomorphology*, p. 35-52. Shroder, J.F., Ed., San Diego, Academic Press.

77. Tarolli, P., Mudd, S., 2020. Remote sensing of geomorphology (vol. 23), in Developments in Earth Surface Processes, Elsevier.
78. Thornbush, M.J., Allen, C.D., Fitzpatrick, F.A., 2011. Geomorphological Fieldwork in Developments in Earth Surface Processes, Elsevier.