



TEMATICA PROPUŞĂ PENTRU CONCURSUL DE ADMITERE LA DOCTORAT (2019)

RECOMMENDED TOPICS FOR DOCTORAL STUDIES (2019)

DOMENIUL (**domain**): SILVICULTURA (**Forestry**)

Îndrumător (**doctoral studies supervisor**): prof. dr. ing. Bogdan Popa

Tematica propusă pentru cercetare (Research topics)	Bibliografie pentru examenul de admitere (Bibliography for the admission exam)
Servicii ecosistemice – evaluare, aplicabilitate practică a conceptului, beneficii economice și de mediu Ecosystem services – evaluation, applicability, economic and environmental benefits	TEEB - The Economics of Ecosystems and Biodiversity 2010: <i>Mainstreaming the Economics of Nature: A synthesis of the approach, conclusions and recommendations of TEEB</i> . Progress Press, Malta, 36 p. Popa B., Borz S.A., 2013: <i>Mecanisme de plăți pentru serviciile ecosistemice în România</i> , Ed. Lux Libris, Braşov, 117 p. MA, 2005: <i>Ecosystems and human well-being. Synthesis. Millenium Ecosystem Assessment</i> Island Press, Washington. DC. Machedon, I., 1996: <i>Funcțiile de protecție ale pădurilor – evaluare economică</i> . Editura Ceres, București, pp. 7-11. Dragoi M., Cîrnu M., 2016: <i>Plata serviciilor ecosistemice: context legal și metode consacrate de evaluare, cu aplicații la păduri</i> . Bucovina Forestieră, 16 (1): 95-106. Costanza R., d'Arge R., de Groot R., Farber S., Grasso M., Hannon B., Limburg K., Naeem S., O'Neill R.V., Paruelo J., Raskin R.G., Sutton P., van





	<p>den Belt M., 1997: <i>The value of the world's ecosystem services and natural capital</i>. Nature, 38: 253–260.</p> <p>Bann C., Popa B., 2012: <i>An assessment of the contribution of ecosystems in protected areas to sector growth and human wellbeing in Romania</i>, United Nations Development Programme, Bucharest, 122 p.</p> <p>Popa and Pache, 2016. Conceptul serviciilor ecosistemice – soluție pentru sprijinirea efortului de reglementare a sectorului silvic din România. Revista pădurilor, 3-4: 41-53.</p>
<p>Prețuri și competiție pe piața lemnului. Studii de caz.</p> <p>Prices and competition in timber markets. Case studies</p>	<p>Giurăscu, CC., 1975. <i>Istoria Pădurii Românești</i>, Editura Ceres, București</p> <p>Drăgoi, M., 2000. <i>Economie Forestieră</i>, Editura Economică, București</p> <p>Antonoaie, N., 2015. <i>Managementul forestier în România. În Contribuții la conturarea unui model românesc de management</i>, Ed. Ion Petrescu, Editura Expert, București</p> <p>Robinson Gregory, G., 1987. <i>Resource Economics for Foresters</i>. Yohn Willwy & Sons, New York</p> <p>Milescu, I., 2002. <i>Economie forestieră</i>. Ed. Crai Nou, Suceava</p> <p>Chandrasekharan Behr D., Popa B., Mitchell A. (2014) <i>Romania - Forest Sector Rapid Assessment</i>, The World Bank, Washington DC, 59p</p>
<p>Integrarea/interacțiunea dintre managementul forestier și conservarea biodiversității</p> <p>Integration/interactions between forest management and biodiversity conservation</p>	<p>Stancioiu, P.T., Abrudan, I.V. and Dutca, I. 2010. The Natura 2000 ecological network and forests in Romania: implications on management and administration. <i>International Forestry Review</i> 12 (I): 106-113.</p> <p>Ioja, C.I., Patroescu, M., Rozyłowicz, L., Popescu, V. D., Verghelet, M., Zotta, M. I. and Felciuc, M.</p>



	<p>2010. The efficacy of Romania's protected areas network in conserving biodiversity. <i>Biological Conservation</i> 143: 2468 - 2476</p> <p>Feurdean, A., Willis, K.J., 2008. The usefulness of a long-term perspective in assessing current forest conservation management in the Apuseni Natural Park, Romania. <i>Forest Ecology and Management</i>, 256(3):421-430.</p> <p>Branquart, E., Verheyen, K., Latham, J., 2008. Selection criteria of protected areas in Europe: The theory and the real world. <i>Biological conservation</i>, 141(11):2795-2806.</p>
<p>Instrumente si politici forestiere.</p> <p>Forest policy and policy tools.</p>	<p>Bouriaud, L., 2001. Sustainable forest management: with or without privately owned forests? A Romanian case survey. In: Niskanen, A., Vayrynen, J. (Eds.), <i>Economic sustainability of small scale forestry</i>, EFI Proceedings n. 36, pp. 143-159.</p> <p>Bouriaud, L., Nichiforel, L., Weiss, G., Bajraktari, A., Curovic, M., Dobsinska, Z., Glavonjic, P. Jarsky, V., Zarvasova, Z., Teder, M., Zalite, Z., 2013. Governance of private forests in Eastern and Central Europe: An analysis of forest harvesting and management rights. <i>Ann. For. Res.</i> 56 (1), 199-215.</p> <p>Abrudan, I.V., 2012. A decade of Non-State Administration of Forests in Romania: Achievements and Challenges. <i>Int. For. Rev.</i> 14 (3), 275-284.</p> <p>Drăgoi, M., Popa, B., Blujdea, V., 2011. Improving communication among stakeholders through ex-post transactional analysis – case study of Romanian forestry. <i>For. Policy Econ.</i> 13, 16-23.</p> <p>Drăgoi, M., Cîrnu, M., 2016. Plata serviciilor ecosistemice: context legal și metode consacrate de evaluare, cu aplicații la păduri. <i>Bucovina Forestieră</i>, 16 (1), 95-106.</p> <p>MAP, 2016. Raport privind starea pădurilor</p>



	<p>României (Report Regarding The State of Romanian Forests). Ministry of Forests and Waters, Bucharest [in Romanian]. (Available on-line at: http://apepaduri.gov.ro/wp-content/uploads/2014/07/Raport-starea-pădurilor-2016.pdf).</p> <p>Scriban, R.E., Nichiforel, L., Bouriaud, L.G., Barnoaiea, I., Cosofret, V.C., Barbu, C.O., 2017. Governance of the forest restitution process in Romania: An application of DPSIR model. For. Policy Econ. http://dx.doi.org.10.1016/j.forpol.2017.10.018.</p> <p>Săndulescu, E., Wagner, J.E., Pailler, S., Floyd, D.W., Davis, C.J., 2007. Policy analysis of a government-sanctioned management plan for a community owned forest in Romania. For. Policy Econ. 10, 14-24.</p> <p>WB, 2009. Romania – Forestry Development Project. The World Bank, Washington DC.</p> <p>WB 2011. Romania – Functional Review, Environment, Water and Forestry, Volume 2: Forestry, The World Bank, Washington DC. 55p.</p> <p>WB 2014. Romania - Forest Sector Rapid Assessment, The World Bank, Washington DC, 59p.</p>
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Prof. dr. ing. Bogdan Popa