

Supplementary Table S1. Results of stocktaking exercise on forestry related research studies in EMCs.

Title		Author (s)	Year	Journal/Book	Country
Mediterranean and Near East					
Generality					
1	The Geobotanical foundations of the Middle East	Zohary	1973	Vol 1. - Vol 2. Ed. Gustav Fisher, Stuttgart.	ME
2	Regional overview: South West Asia and the Middle East.	Boulos <i>et al.</i>	1994	In Davis et al. Centres of Plant Diversity, Vol. 1	ME
3	Centres of Plant Diversity: A Guide and Strategy for their Conservation; Vol. 1:Europe, Africa, South West Asia and the Middle East	Davis <i>et al.</i>	1994	WWF & IUCN. IUCN Publications Unit, Cambridge.	ME
4	Man and the Mediterranean forest-A history of resource depletion.	Thirgood	1981	Academic Press, New York.	Med
5	La region Circum-Méditerranéenne, Centre Mondial Majeur de Biodiversité Végétale	Quézel <i>et al.</i>	1995	Colloque Scientifique Internationale Bio'Mes, Gap 152-160.	Med
6	Ecological Landscape Design and Planning: The Mediterranean Context.	Makhzoumi <i>et al.</i>	1999	E & FN Spon, Routledge, London	Med
7	Biology and wildlife of the Mediterranean region.	Blondel <i>et al.</i>	2005	Oxford University Press	Med
8	Environmental and human factors influencing rare plant local occurrence, extinction and persistence: a 115-year study in the Mediterranean region.	Lavergne <i>et al.</i>	2005	Journal of Biogeography 32: 799-811	Med
9	Biodiversity and conservation	Blondel <i>et al.</i>	2009	In: J. C. Woodward. Oxford University Press,UK	Med
10	The Mediterranean Region: Biological Diversity in Space and Time.	Blondel <i>et al.</i>	2010	Oxford University Press, UK.	Med
11	Ecosystems and landscapes – A Critical comparative appraisal.	Naveh	2010	Journal of Landscape Ecology 3(1): 64-81.	Med
12	The role of New World biodiversity in the transformation of Mediterranean landscapes and culture	Heywood	2012	Boccone 24: 69-93.	Med
13	Linking the forest research in the Mediterranean area: A framework to improve research capacities and cooperation	Di Matteo <i>et al.</i>	2014	Forest Policy and Economics 50:292-301	Med.

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Forest ecosystem functioning					
14	Forests and Climate Change in the Near East Region.	FAO	2010	Forest and climate change working paper 9. FAO, Rome.	NE
15	Climate change and impacts in the Eastern Mediterranean and the Middle East	Lelieveld <i>et al.</i>	2012	<i>Climatic Change</i> 114: 667-687.	ME
16	Ecologie et biogéographie des forêts de la région Méditerranéenne.	Quézel <i>et al.</i>	2003	Elsevier, Collection Environnement, Paris, 573pp.	Med

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Forest economy					
17	Trees and timber in the Ancient Mediterranean World	Meiggs	1982	Oxford University Press, Oxford.	Med
18	Identification of wild food and non-food plants of the Mediterranean region	Heywood <i>et al.</i>	1997	Cahiers Options Méditerranéennes, 23.	Med
19	Wild food and non-food plants: Information networking.	Heywood <i>et al.</i>	1998	Cahiers, Options Méditerranéennes 38.	Med
20	Forest Harvest: An Overview of Non Timber Forest Products in the Mediterranean Region.	Moussouris <i>et al.</i>	1999	< http://www.fao.org/docrep/x5593e/x5593e03.htm > (Accessed 25 July, 2012).	Med
21	Valuing Mediterranean Forests: Towards a total economic value	Merlo <i>et al.</i>	2005	CABI Publishing, Wallingford.	Med
22	Local Mediterranean Food Plants and Nutraceuticals.	Heinrich <i>et al.</i>	2006	Forum of Nutrition Vol. 59. Karger, Basel.	Med
23	How much are Mediterranean forests worth?	Croitoru	2007	Forest Policy and Economics 9(5): 536-545	Med
24	From failure to value: economic valuation for a selected set of products and services from Mediterranean forests	Masiero <i>et al.</i>	2016	Forest Systems 25(1), e051, 16 pages	Med

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Exotic and Invasive species					
25	Local and regional abundance of exotic plant species on Mediterranean islands: are species traits important?	Lloret <i>et al.</i>	2004	Global Ecology and Biogeography 13: 37-45.	Med
26	Recent plant invasion in the Circum-Mediterranean region	Quézel <i>et al.</i>	1990	di Castri F. et al. (Eds). Biological invasions in Europe and the Mediterranean Basin. Dordrecht: Kluwer Academic.pp. 51-60.	Med
27	Invasive Plants in Mediterranean type Regions of the World	Brunel	2006	Conference proceeding	Med

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Conservation status					
28	Biodiversity hotspots in the Mediterranean basin: Setting global conservation priorities.	Médail <i>et al.</i>	1999	Conservation Biology 13 (6): 1510-1513.	Med
29	Biodiversity hotspots for conservation priorities.	Myers <i>et al.</i>	2000	Nature 403: 853-858.	Med
30	Forest history in the Mediterranean region	Di Pasquale <i>et al.</i>	2004	IN Mazzolini et al. Recent Dynamics of the Vegetation and Landscape. John Wiley & Sons.	Med
31	The Mediterranean: a biodiversity hotspot under threat	Cuttelod <i>et al.</i>	2008	Vié J.-C et al.. The 2008 Review of The IUCN Red List of Threatened Species	Med
32	Hotspots Revisited: Earth's Biologically Richest and Most Endangered Ecoregions.	Mittermeier <i>et al.</i>	2004	CEMEX, Mexico City, Mexico 390pp.	Med

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Jordan, Lebanon, Syria, Turkey					
State of forests					
33	Forest Resource Assessment - Jordan	FAO	2010	Global Forest Resrouce Assessment, FAO, Rome, Italy.	Jordan
34	The Lebanon.	Fish W.B.	1944	Geographical Review 34 (2): 235-258.	Leb
35	The Remnant Cedar Forests of Lebanon	Beals	1965	Journal of Ecology 53(3): 679-694	Leb
36	The deforestation of Mount Lebanon	Miksel	1969	The Geographical Review 59:1-28	Leb
37	Etude de la Diversité Biologique du Liban	Abi-Saleh <i>et al</i>	1996	Country Report - UNEP/MOA - Beirut, Lebanon	Leb
38	Contribution to the characterization of forest fragmentation on the Eastern flank of Mount Lebanon over 33 years.	Jomaa <i>et al.</i>	2007	Lebanese Science Journal 8 (2), 59-74.	Leb
39	Forest Resources & Biodiversity Assessment Report.	Sattout	2007	MADA/RSCN, Beirut.	Leb
40	Forest Resource Assessment -Lebanon	FAO	2010	Global Forest Resrouce Assessment, FAO, Rome, Italy.	Leb
41	Cedrus libani (A. Rich) distribution in Lebanon: past, present and future.	Hajar <i>et al.</i>	2010	Comptes Rendus Biologies 333(8): 622-30.	Leb
42	Forest conditions in Syria and Lebanon	Rolley	1948	Unasylva 2(2): 77-80	Leb/Syria
43	Forestry in the Middle East	FAO staff	1952	Unasylva 6 (3)	Leb/Syria
44	Forest history of the Near East	Oedekoven	1963	Unasylva 17 (68)	Leb/Syria
45	State of forestry in Syria	Al Refai	1996	AFZ. Allgemeine Forst-Zeitschrift für Waldwirtschaft und Umweltvorsorge	Syria
46	The present status of the Syrian Juniper forests on the East Lebanon Mountain Chain	Abido <i>et al.</i>	2003	N/A	Syria
47	Forest Resource Assessment - Syria	FAO	2010	Global Forest Resrouce Assessment, FAO, Rome, Italy.	Syria
48	Biodiversity and conservation of Turkish forests	Kaya <i>et al.</i>	2001	Biological Conservation, 97 (2): 131–141	Turkey
49	A review of the forest vegetation of Turkey: Its status, past and present and its future conservation	Çolak <i>et al.</i>	2006	Biology & Environment Proceedings of the Royal Irish Academy 106(3):343-354	Turkey
50	Urbanization pressures on natural forests in Turkey: An Overview	Atmis <i>et al.</i>	2007	Urban Forestry & Urban Greening 6 (2007) 83–92	Turkey
51	Evaluating land use/land cover changes and fragmentation in the Camili forest Planning unit of Northeastern Turkey from 1972 to 2005	Sivrikaya <i>et al.</i>	2007	Land Degradation and Development 18(4):383 - 396	Turkey
52	Challenges of in situ conservation of crop wild relatives.	Heywood	2008	Turkish Journal of Botany 32: 421-432.	Turkey
53	Assessment of forest roads and firebreaks in Turkey	Demir <i>et al.</i>	2009	AFRICAN JOURNAL OF BIOTECHNOLOGY 8:4553-4561	Turkey
54	Proceedings 2nd International Workshop on Invasive Plants in the Mediterranean Type Regions of the World	Brunel <i>et al.</i>	2010		Turkey
55	Forest Resource Assessment - Turkey	FAO	2010	Global Forest Resrouce Assessment, FAO, Rome, Italy.	Turkey
56	Forest diversity, climate change and forest fires in the Mediterranean region of Turkey	Ozturk <i>et al.</i>	2010	Journal of Environmental Biology 31(1-2):1-9	Turkey
57	Turkey's globally important biodiversity in crisis	Sekercioglu <i>et al.</i>	2011	Biological Conservation 144 (2011) 2752–2769	Turkey

58	First results of a nation-wide systematic forest condition survey in Turkey.	Tolunay <i>et al</i>	2011	iForest 4: 145–149.URL: http://www.sisef.it/iforest/show.php?id=567 .	Turkey
59	The archaeology of deforestation in south coastal Turkey	Akkemik <i>et al.</i>	2012	International Journal of Sustainable Development & World Ecology 19 (5): 395-405	Turkey
60	Forest inventory results-2012, Ankara	GDF	2012	General Directory of Forestry	Turkey
61	Forests of Turkey	Terzioglu <i>et al.</i>	2012	www.ogm.gov.tr	Turkey
62	An overview of biodiversity and conservation status of steppes of the Anatolian Biogeographical Region	Ambarlı <i>et al.</i>	2016	Biodiversity Conservation	Turkey

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Fauna & Wildlife					
63	Distribution and Extinction of Ungulates during the Holocene of the Southern Levant	Tashar <i>et al.</i>	2009	PLoS ONE 4(4):e5316	Jordan
64	Breeding potential of the Striped Hyaena, <i>Hyaena hyaena syriaca</i> Matschie, 1910 (Carnivora) in captivity	Abi Said	2004	Zoology in the Middle East 33(1):149-152	Leb
65	Distribution of Striped Hyaena (<i>Hyaena hyaena syriaca</i> Matius, 1882) (Carnivora: Hyaenidae) in urban and rural areas of Lebanon	Abi-Said	2007	Zoology of the Middle East 42: 3-14.	Leb
66	First record of the Wargner's gerbil <i>Gerbillus dasyrus</i>	Abi-Said	2009	Zoology of the Middle East 48: 101-102	Leb
67	Diversity of mammals in Jabal Moussa Biosphere Reserve	Abi-Said <i>et al.</i>	2012	Vertebrate Zoology 62(1): 145-152.	Leb
68	First record forest dormouse <i>Dryomys nitedula</i> in Lebanon	Abi-Said <i>et al.</i>	2012	Zool. of the Middle East 56: 137-139.	Leb
69	Role of mass-kill hunting strategies in the extirpation of Persian gazelle (<i>Gazella subgutturosa</i>) in the Northern Levant	Bar-Oz <i>et al.</i>	2011	Proceedings of the National Academy of Sciences 108(18):7345-50	Syria
70	Ecological networks as a new approach for nature conservation in Turkey: A case study of I'zmir Province	Hepcan <i>et al.</i>	2009	Landscape and Urban Planning 90(3-4):143-154	Turkey
71	Diversity of digger wasps in Kasnak Oak Forest Nature Reserve, Isparta, Turkey, with records of eight species new to Turkey (Hymenoptera: Sphecidae, Crabronidae and Ampulicidae)	Bayindir <i>et al.</i>	2013	Zoology in the Middle East 59 (2): 144-147	Turkey
72	First record of Greater Short-toed Lark <i>Calandrella brachydactyla dukhunensis</i> from the Andaman Islands,	Kumar <i>et al.</i>	2014	BirdingASIA 21: 116-117	Turkey
73	Diversity of Microfungi on Fagaceae in Uladag Forests	Akgul <i>et al.</i>	2015	Oxidation Communications 38(3)	Turkey
74	Human-wildlife conflict in eastern Turkey: gaining perspective from community surveys	Chynoweth <i>et al.</i>	2015	Environment and Sustainability Research Symposium, At Salt Lake City, Utah	Turkey
75	Dead wood characteristics influencing macrofungi species abundance and diversity in Caspian natural beech (<i>Fagus orientalis</i> Lipsky) forests	Sefidi <i>et al.</i>	2015	Forest Systems 24(2), eSC03, 9	Turkey
76	Wolf diet in an agricultural landscape of north-eastern Turkey	Capitani <i>et al.</i>	2016	Mammalia 80(3):329-334	Turkey
77	Identifying key biodiversity areas in Turkey: a multi-taxon approach	Eken <i>et al.</i>	2016	Int'l Journal of Biodiversity Science, Ecosystem Services & Management 12 (3): 151-160	Turkey
78	Research on Fallow Deer (<i>Cervus dama</i> L.) Populations and Habitat Protection – Devolepment Methods and Strategies in Antalya Duzlercamı Wildlife Development Area	Unal	–	–	Turkey
79	Habitat Selection and Temporal Activity Patterns of Caracal, <i>Caracal caracal</i> and Wild Goat, <i>Capra aegagrus</i> in Köyceğiz Wildlife Reserve, Muğla	Mengüllüoğlu <i>et al.</i>		Turkish National Biology Congress, Volume: 21	Turkey

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80	Characterization and evaluation of the biological diversity of Pinus pinea in Lebanon.	Saghieh	2001	MSc. Thesis. American University of Beirut, pp. 105.	Leb
81	Forest Fire Impact assessment in three typical lebanese forests.	Zeidan	2005	Thesis, Lebanese University, Faculty of Agronomy.	Leb
82	Flora Biodiversity Assessment & Monitoring. Tannourine Cedar Forest Nature Reserve.	Sattout	2007	GEF-UNEP/AUB/MOE/SETS/TCFNR, Beirut.	Leb
83	Forest Resources & Biodiversity Assessment Report.	Sattout	2007	MADA/RSCN, Beirut.	Leb
84	Patterns of woody plant species diversity in Lebanon as affected by climatic and soil properties.	Zahreddine <i>et al.</i>	2007	Lebanese Science Journal,8 (2): 21-44. < http://www.cnrs.edu.lb/info/zahreddine.pdf >	Leb
85	Eco-physiological behaviour of two woody oak species to combat desertification in the east Mediterranean-a case study from Lebanon	Karam <i>et al.</i>	2011	Procedia Social & Behavioral Sciences 19: 787-796.	Leb
86	Forest biodiversity Assessment in relic ecosystem: Monitoring and Management Practice Implications.	Sattout <i>et al.</i>	2011	Diversity 3, 531-546.	Leb
87	Use of remote sensing and GIS to assess the anthropogenic impact on forest fires in Nahr Ibrahim watershed, Lebanon.	Assaker <i>et al.</i>	2012	Lebanese Science Journal, Vol. 13, No. 1: 15-28.	leb
88	An agropastoral system as a practice to enhance organic matter in Lebanese inland mountainous soils.	Darwish <i>et al.</i>	2012	Lebanese science journal, vol. 13, No. 1: 1-14.	leb
89	Restoring ecosystems around the Mediterranean basin: beyond the frontiers of ecological science	Khater <i>et al.</i>	2012	Restoration Ecology, vol. 20, no. 1, pp. 1–6, 2012.	Leb
90	Climate change and impacts in the Eastern Mediterranean and the Middle East	Lelieveld <i>et al.</i>	2012	Climatic Change 114: 667-687.	Leb
91	Imprint of geographic patterns on the genetic variability, dispersal ability and viability of Abies cilicica (Carr.) in Lebanon.	Awad <i>et al.</i>	2014	Plos One 9(2) (e90086)	Leb
92	Suitability Analysis for Stone Pine Reforestation using Geospatial Technologies	Awad	2015	International Journal of Advanced Remote Sensing and GIS 4.1 (2015): pp-1008.	Leb
93	Med. ecosystems challenged by global changes and anthropogenic pressures: vulnerability and adaptive capacity of forests in North Lebanon.	El-Hajj <i>et al.</i>	2015	Revue d'écologie, La Terre et la Vie. vol. 70, N°1, pp. 3-15.	leb
94	Climate change since the last glacial period in Lebanon and the persistence of Mediterranean species	Cheddadi <i>et al.</i>	2016	Quaternary Science Reviews,150: 146-157	Leb
95	Pertinence of protected areas networks in biodiversity conservation strategies: Insights from an eastern Mediterranean context.	El-Hajj <i>et al.</i>	2016	Ecologia Mediterranea.	leb
96	Towards an establishment of a wildfire risk system in a Mediterranean country.	Mhawej <i>et al.</i>	2016	Ecological Informatics 02/2016; 32.	leb
97	Phytosociological study on Abies cilicica forest in Syria	Chalabi	1990	Agricultural Sciences Series	Syria
98	Genetic diversity of Pinus brutia in Syria as revealed by DNA markers	Choumane <i>et al.</i>	1994	Forest genetics	Syria
99	Effect of some physiographic factors on distribution and composition of forest vegetation in southwestern end of the Lebanon Mountains.	Abido	1999	Journal of Agricultural Sciences, 15:143–146	Syria
100	Forest Ecology	Abido	2000	Damascus University Press, Damascus, Syria [in Arabic], 364 pp.	Syria

101	Growth and Productivity of Maritime Pine and Brutia Pine at the Cool-Humid Bioclimate Zone in the Mid Altitudes of the Syrian Coastal Mountains	Abido <i>et al.</i>	2000	ACSAD	Syria
102	Study of Present Status Quo For Forest of Fraxinus Syriaca Boiss in Alghab - Syria	Al-Ibrahim	2011	Tishreen University , Faculty of Agriculture	Syria
103	Growth Indicators of Lebanon Cedar (Cedrus libani A. Rich.) and Brutia Pine (Pinus brutia Ten.) in the Cool Supra-Mediterranean Bioclimatic Zone of the Syrian Coastal Mountains	Noman <i>et al.</i>	2011	Arab Gulf Journal of Scientific Research 03/2011; 29(1).	Syria
104	Evaluating the impact of water flotation and the state of the wood in archaeological wood charcoal remains: Implications for the reconstruction of past vegetation and identification of firewood gathering	Arranz-Otaegui	2016	Quaternary International, In Press.	Syria
105	Oak charcoal from northeastern Syria as proxy for vegetation, land use and climate in the second half of the Holocene	Deckers	2016	Review of Palaeobotany and Palynology, Volume 230, July 2016, Pages 22-36	Syria
106	Highlights on the biological diversity and the concept of natural conservation for Slenfe area in Syria	Chalabi	nd	N/A	Syria
107	Evaluation of the Efficiency of Some Abiotic Factors Affecting the Spread of Some Forest Trees And Shrubs in Northern Syria	Mansour	1999	Damascus University Journal For The Agricultural Sciences(Syria)	Syria
108	The effects of afforestation and vegetation conversion on plant diversity: a case study in S-W Syrian Mountains	Eid <i>et al.</i>	2015	Biodiversity Journal, 2015, 6 (2): 673–682	Syria
109	Vegetation in Southwestern End of the Anti-Lebanon Mountains	Abido		ACSAD	Syria
110	Vegetation development in the Middle Euphrates and Upper Jazirah (Syria/Turkey) during the Bronze Age	Deckers <i>et al.</i>	2010	Quaternary Research 74 (2): 216-226	Syria/Turkey
111	A phytosociological analysis on KIZILKUYU wildlife development area (ŞANLIURFA/TURKEY)	Faruk	2013	DOI: 10.2478/msd-2013-0010	Syria/Turkey
112	Forest Fires Occurred on Border Area between Turkey (Hatay) and Syria	Ahmet <i>et al.</i>	2014	Procedia - Social and Behavioral Sciences, Volume 120, 19 March 2014, Pages 680-685	Syria/Turkey
113	Regeneration of Lebanon cedar (Cedrus libani A. Rich.) on karstic lands in Turkey	Boydak	2003	Forest Ecology and Management, Volume 178, Issue 3, 17 June 2003, Pages 231-243	Turkey
114	Phytosociological investigations of Pinus pinea L. forests in the southwestern Anatolia region of Turkey	Varol	2004	Israel Journal of Plant Sciences 52 (1): 65-70	Turkey
115	Monitoring thirty years of land cover change: secondary forest succession in the Artvin forest planning unit of northeastern Turkey.	Cakir <i>et al.</i>	2007	Scott Geogr J 123:209–226	Turkey
116	Coarse dead wood volume of managed Oriental beech (Fagus orientalis Lipsky) stands in Turkey	Atici <i>et al.</i>	2008	Investigación Agraria: Sistemas y Recursos Forestales 17(3), 216-227	Turkey
117	Contribution to the knowledge of the syntaxonomy and ecology of macchie and forest vegetation in Paphlagonia, North Anatolia, Turkey	Korkmaz <i>et al.</i>	2008	Acta Botanica Gallica Botany Letters 155 (4): 495-512	Turkey
118	Species diversity of four major urban forest types under extreme climate conditions in Erzurum, Turkey	Yilmaz <i>et al.</i>	2008	International Journal of Biodiversity Science & Management 4 (3):154-163	Turkey
119	The amount of coarse dead wood and associated decay rates in forest reserves and managed forests, northwest Turkey	Colak <i>et al.</i>	2009	Forest Systems Vol 18, No 3	Turkey
120	A syntaxonomical investigation of forest and pseudomaquis on transitional area in the central Black Sea region (Amasya, Turkey)	Kaya <i>et al.</i>	2010	Acta Botanica Gallica Botany Letters 157 (3):469-482	Turkey
121	Estimating Breast Height Diameter and Volume from Stump Diameter for Three Economically Important Species in Turkey.	Özçelik <i>et al.</i>	2010	Scand J Forest Res 25, 32-45	Turkey

122	Site properties for Crimean juniper (<i>Juniperus excelsa</i>) in semi-natural forests of south western Anatolia, Turkey.	Ozkan <i>et al.</i>	2010	Journal of Environmental Biology 31: 97-100	Turkey
123	Evaluation of different modeling approaches for total tree-height estimation in Mediterranean Region of Turkey	Diamantopoulou <i>et al.</i>	2012	Forest Systems 2012 21(3), 383-397	Turkey
124	Analyzing riparian forest cover changes along the Firniz River in the Mediterranean City of Kahramanmaras in Turkey	Akay <i>et al.</i>	2013	Environmental Monitoring and Assessment 186(5)	Turkey
125	Ecology and classification of forests in Turkey	Atalay <i>et al.</i>	2014	Procedia - Social and Behavioral Sciences 120:788-805	Turkey
126	Forest composition changes with competition in the Northern part of Turkey	Atalay	2014	European Scientific Journal 2: 1857 – 7881	Turkey
127	Evaluation of Forest Dynamics Focusing on Various Minimum Harvesting Ages in Multi-Purpose Forest Management Planning	Küçüker <i>et al.</i>	2015	Forest Systems Vol 24, No 1	Turkey
128	Radiological maps for fallout ⁷ Be in forest soil horizons in a mountainous area of Turkey	Karadeniz <i>et al.</i>	2016	Archives of Agronomy and Soil Science Page: 1-212	Turkey
129	Ecological factors affecting the kernel productivity of stone pine (<i>Pinus pinea</i> L.) in different forest sites of Syria	AlKoussa <i>et al.</i>	2013	Damascus University Journal For The Agircultural Sciences (Syria)	

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Forest landscape ecology					
130	Les Principaux Arbres du Liban: Le Fascicule des Essences Forestières du Liban.	Anonymous	1999	Projet d'assistance a la protection de la couverture végétale au Liban. MOA/EU, Beyrouth.	Leb
131	Land cover change over the last 40 years in Lebanon.	Masri <i>et al.</i>	2002	Lebanese Science Journal V.3, No 2. P.p 17-28.	Leb
132	Efficient forest fire occurrence prediction for developing countries using two weather parameters	Sakr <i>et al.</i>	2011	Engineering Applications of Artificial Intelligence 24(5):888-894	Leb
133	Improved Capability in Stone Pine Forest Mapping and Management in Lebanon Using Hyperspectral CHRIS-Proba Data Relative to Landsat ETM+.	Awad <i>et al.</i>	2014	Photogrammetric Engineering and Remote Sensing 80 (8), 725–731.	Leb
134	Utilisation de la télédétection et des techniques sig pour l'évaluation et la cartographie des risques de feux de forêts dans le bassin versant du nahr ibrahim (Chapter 10).	Darwich <i>et al.</i>	2015	Du Mont Liban aux Sierras d'Espagne Sols, eau et sociétés en montagne, Harfouche R. et Poupet P. (Eds), Archaeopress Publishing Ltd.	Leb
135	Assessment of Wildfire Risk in Lebanon Using Geographic Object-Based Image Analysis	Mitri <i>et al.</i>	2015	Photogrammetric Engineering & Remote Sensing, 81 (6): 499-506	Leb
136	Forest landscape (ecosystems) management revisited.	Baskent <i>et al.</i>	1999	Environmental Management 24(4):437–448	Turkey
137	Forest landscape (ecosystems) management with simulated annealing.	Baskent <i>et al.</i>	2002	Forest Ecology and Management 165(1–3):29–45	Turkey
138	Impacts, management and functional planning criterion of forest road network system in Turkey	Demir	2007	African Journal of Biotechnology 8:4553-4561	Turkey
139	Temporal changes in forest landscape patterns in Artvin forest planning unit, Turkey.	Keles <i>et al.</i>	2007	Environ Monit Assess 129:483–490	Turkey
140	Evaluating land use/land cover changes and fragmentation in the Camili forest planning unit of northeastern Turkey from 1972 to 2005.	Sivrikaya <i>et al.</i>	2007	Land Degrad Dev 18:383–396	Turkey
141	Spatial distribution and temporal change of carbon storage in timber biomass of two different forest management units.	Sivrikaya <i>et al.</i>	2007	Environ Monit Assess 132:429–438	Turkey
142	Spatial and temporal dynamics of land use pattern in Turkey: a case study in Gumushane.	Kadiogullari A <i>et al.</i>	2008	Environ Monit Assess 138:289–303	Turkey
143	Spatiotemporal Changes in Landscape Pattern in Response to Afforestation in Northeastern Turkey: A Case Study of Torul	Kadiogullari <i>et al.</i>	2008	Scottish Geographical Journal 124 (4): 259-273	Turkey
144	Spatial and temporal changes in forest cover in Turkey's Artvin Forest, 1972–2002.	Keles <i>et al.</i>	2008	Pol J Environ Stud 17:491–501	Turkey
145	Vegetation environment relationships in Mediterranean mountain forests on limeless bedrocks of southern Anatolia, Turkey	Ozkan <i>et al.</i>	2009	Journal of Environmental Engineering and Landscape Management 17 (3): 154-163	Turkey
146	Visual landscape character of Oriental Spruce (<i>Picea orientalis</i> (L.) Link) mountain forest in Turkey	Eroglu <i>et al.</i>	2011	Journal of Environmental Engineering and Landscape Management 19 (3): 189-197	Turkey
147	Factors of land use and cover change: a case study from Turkey.	Sivrikaya <i>et al.</i>	2011	Sci Res Essays 6:3684–3696	Turkey
148	The effects of land-use and land-cover changes on carbon storage in forest timber biomass: a case study in Torul, Turkey	Keles <i>et al.</i>	2012	Journal Of Land Use Science 7(2): 125-133	Turkey
149	Forecasting forest development through modeling based on the legacy of forest structure over the past 43 years	Baskent <i>et al.</i>	2013	Forest Systems 22(2), 232-240	Turkey
150	Assessing implications of land use and land cover changes in forest ecosystems of NE Turkey.	Kadiogullari	2013	Environ Monit Assess 185:2095–2106	Turkey

151	Spatial dynamics of carbon storage: a case study from Turkey.	Sivrikaya <i>et al.</i>	2013	Environ Monit Assess 185:9403–9412	Turkey
152	Analysing land cover changes for understanding of forest dynamics using temporal forest management plans	Kadioğullari <i>et al.</i>	2014	Environmental Monitoring and Assessment 186 (4): 2089–2110	Turkey
153	Analysing land cover changes for understanding of forest dynamics using temporal forest management plans	Kadioğullari <i>et al.</i>	2014	Environmental Monitoring and Assessment 186 (4): 2089–2110	Turkey
154	Use of spatial pattern analysis to assess forest cover changes in the Mediterranean region of Turkey	Bozali <i>et al.</i>	2015	Journal of Forest Research 20(4)	Turkey
155	Determination of Forest Fire Risk with Fuzzy Analytic Hierarchy Process and Assessing its Mapping with the Application of GIS: The Case of Turkey/Çakırlar	Gungoroglu	2016	Human and Ecological Risk Assessment: An International Journal- http://dx.doi.org/10.1080/10807039.2016.1255136	Turkey
156	Mapping regional forest fire probability using artificial neural network model in a Mediterranean forest ecosystem	Satir <i>et al.</i>	2016	Geomatics, Natural Hazards and Risks 7 (5): 1645-1658	Turkey
157	Forest cover change and fragmentation using Landsat data in Macıka state forest enter-prise in Turkey.	Cakir <i>et al.</i>	2008	Environ Monit Assess 137:51–66	Turlkey

Supplementary Table S1. Results of stocktaking exercise on forestry related research studies in EMCs.

Forest economy					
158	Integration of different environmental valuation methods to estimate forest degradation in arid and semi-arid regions	Majdalawi <i>et al.</i>	2016	International Journal of Sustainable Development & World Ecology 23 (5):392-398	Jordan
159	Land Use, Land Use Change and Forestry Related GHG Emissions in Lebanon: Economic Valuation and Policy Options	El-Fadel <i>et al.</i>	2002	Water Air and Soil Pollution 137(1):287-303	Leb
160	Lebanon (pp. 161-175).	Sattout <i>et al.</i>	2005	Maurizio <i>et al.</i> (eds), Valuing Mediterranean Forests: Towards a Total Economic Value.CABI Publishing, Wallingford.	Leb
161	Regeneration capability and economic losses after fire in Mediterranean forests - Lebanon.	Masri <i>et al.</i>	2006	Lebanese Science Journal 7 (1): 37-48.	Leb
162	Economic Value of Cedar Relics in Lebanon: An Application of Contingent Valuation Method for Conservation.	Sattout <i>et al.</i>	2007	Ecological Economics Journal, 61 (2-3):315-322.	Leb
163	Valuation of forest ecosystems services in Lebanon: Main drivers for designing national forest policy.	Sattout	2014	GIZ –CPMF Regional Project, Ministry of Agriculture/GIZ, Beirut, Lebanon.	Leb
164	Insights on the value chain and management practices of stone pine forests in Lebanon	Sattout <i>et al.</i>	2016	Options Méditerranéennes, Série Etudes, Paris (Upcoming	Leb
165	Syria (pp. 177-193).	Nahal <i>et al.</i>	2005	Maurizio M. <i>et al.</i> , Valuing Mediterranean Forests: Towards a Total Economic Value.CABI Publishing, Wallingford.	Syria
166	The use of forests for the purpose of tourism: the case of Belek Tourism Center in Turkey	Kuvan	2005	Journal of Environmental Management 75: 263–274	Turkey
167	Turkey (pp. 195-211).	Türker <i>et al.</i>	2005	Maurizio M. <i>et al.</i> (eds), Valuing Mediterranean Forests: Towards a Total Economic Value.CABI Publishing, Wallingford.	Turkey
168	Classification of Turkish forests by altitudinal zones to improve silvicultural practice: a case-study of Turkish high mountain forests	Çolak <i>et al.</i>	2007	The International Forestry Review. 9 (2): 641-652	Turkey
169	Transporting of spruce timbers by URUS MIII cable system from selective forests of Artvin region	Ozturk <i>et al.</i>	2007	Building and Environment 42(3):1278-1282	Turkey
170	Turkey's forestry sector and the carbon market report.	Khan	2010	UNDP, Project of Capacity Building for Climate Change Management in Turkey, Ankara	Turkey
171	Total economic value of forest resources in Turkey	Pak <i>et al.</i>	2010	African Journal of Agricultural Research Vol. 5(15), pp. 1908-1916	Turkey
172	Total carbon stocks and carbon accumulation in living tree biomass in forest ecosystems of Turkey.	Tolunay	2011	Turkish Journal of Agriculture and Forestry 35(2011): 265–279.	Turkey
173	Investigation on the trend of annual carbon stock change in the Turkey's forests and prediction for the 2023 situation.	Asan	2012	Kahramanmaraş Sütçü İmam University Journal of Natural Sciences, I. National Mediterranean Forest and Environment Symposium Special Issue: 109–120 (in Turkish).	Turkey
174	Development of an institutional model for emission trading system:An approach to the carbon market of Turkey.	Başsüllü <i>et al.</i>	2014	SDU Faculty of Forestry Journal 15: 158–167.	Turkey

175	Application of total quality management practices in Turkish forest products industry	Aydin <i>et al.</i>	2015	Pro ligno 11 (4): 715-723	Turkey
176	Carbon Markets as a Financial Instrument in the Forestry Sector in Turkey	Demirci <i>et al.</i>	2015	International Forestry Review 17(2):141-152.	Turkey

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Forest ecosystem management					
177	Conservation of natural ecosystems in Jordan	Eisawi	2012		Jordan
178	Perspectives for sustainable use of cedar forests in Lebanon.	Sattout	2004	PhD Thesis. University of Reading, UK.	Leb
179	Managing climate change effects on relic ecosystems: Applying monitoring program in Lebanese cedar forests	Sattout <i>et al.</i>	2008	Biodiversity Journal 9 (3 & 4):122-130.	Leb
180	The problems of forestry management in the Dannieh municipal union (North Lebanon)	Saadieh	2011	Forêt Méditerranéenne, no. 32, pp. 439–454, 2011.	Leb
181	Forest biodiversity Assessment in relic ecosystem: Monitoring and Management Practice Implications.	Sattout <i>et al.</i>	2011	Diversity 3, 531-546.	Leb
182	Towards the establishment of a natural park in Eastern Mediterranean forests in Mount Makmel: Botanical assessment and communities participation practices.	Sattout <i>et al.</i>	2012	Ecologia Mediterranea 38 (2): 81-95.	Leb
183	Forest Sustainability in North Lebanon: A Challenging Complexity in a Changing Environment	El-Hajj <i>et al.</i>	2015	International Journal of Forestry Research	Leb
184	Assessing the economic sustainability of managing protected areas using the CVM and CBA approaches	Aoun	2015	Management of Environmental Quality:An International Journal, Vol. 27 Iss 4 pp. 390-406	Leb
185	Sustainable livelihood approach towards enhanced management of rural resources	Massoud <i>et al.</i>	2016	International Journal of Sustainable Society 8(1): 54–72	Leb
186	A Case Study on Lebanon’s National Strategy for Forest Fire Management	Harati	n.d	AUB- Issam Fares Institute for Public Policy and International Affairs	Leb
187	Forests sustainability in North Lebanon: a challenging complexity in a changing environment.	El-Hajj <i>et al.</i>		International Journal of Forestry Research. In Press.	Leb
188	Forest fires in Syria and its control	Qaddah	1990	al-zira:3ah wal-tanmiyah fi: al-wat*an al-3arabi:	Syria
189	Review of the criteria and indicators for sustainable forest management in the Northern sub-region countries of the Near East (Turkey, Iran, Syria and Lebanon)	Dogru	1996	Paper conference	Syria
190	The regional study on role of natural reserves to maintenancen of biological diversity]. [Arabic] [1998]	Abou Samra	1998	N/A	Syria
191	Use of new technique in forest development	Al Lahham <i>et al.</i>	1998	National Centre for Agro. Inform. and Documentation, Ministry of Agriculture and Agrarian Reform	Syria
192	The sylviculture of Pinus brutia in Turkey.	Gezer	1985	Options Méditerranéennes, Série Etudes, Paris, 86(1), 55-66.	Turkey
193	Thirty Year History of Even-Aged Management: What Have We Learned from Turkey?	Kose <i>et al.</i>	1997	Journal of Sustainable Forestry 5 (3-4):15-26	Turkey
194	The forest management planning system of Turkey: constructive criticism towards the sustainable management of forest ecosystems	Baskent <i>et al.</i>	2005	International Forestry Review 7:208-217	Turkey
195	Forest rehabilitation action plan. General Directorate of Forestry	GDF	2006	General Directorate of Forestry, Ankara,	Turkey
196	Forest conversion action plan from coppice forest to high forest, 2006–2015.	GDF	2006	General Directorate of Forestry, Ankara,	Turkey
197	Public participation in forestry in Turkey	Atmis <i>et al.</i>	2007	Ecological Economics 62:352-359	Turkey
198	Impacts, management and functional planning criterion of forest road network system in Turkey	Demir	2007	Transportation Research Part A Policy and Practice 41(1):56-68	Turkey

199	Developing and Implementing Multiple-Use Forest Management Planning in Turkey	Baskent <i>et al.</i>	2008	Environmental Management 42 (1):37–48	Turkey
200	An analysis on the “protection-utilization balance” in Turkish forests	Coşkun	2010	African Journal of Agricultural research, 5(11):1243-1249	Turkey
201	Models for simulating the development of even-aged Pinus brutia stands in Middle East	de Miguel <i>et al.</i>	2010	Forest Systems 19(3), 449-457	Turkey
202	Mass Tourism Development and Deforestation in Turkey	Kuvan	2010	Anatolia - An International Journal of Tourism and Hospitality Research 21 (1):155-168	Turkey
203	Forest management plan for Başkonuş, for 2012–2021, Ankara	GDF	2012	General Directorate of Forestry, Ankara,	Turkey
204	Sustainable Forestry in Turkey	Atmis <i>et al.</i>	2013	Journal of Sustainable Forestry, 32:4, 354-364	Turkey
205	Property rights and climate change vulnerability in Turkish forest communities: a case study from Seyhan River Basin, Turkey	Chan	2013	Climate and Development 5(1)	Turkey
206	Evolution of Modern Forest Management Planning in the Republic of Turkey	Zengin <i>et al.</i>	2013	Journal of Forestry 111(4):239-248	Turkey
207	Farming in the Forests of Black Sea Coastal; Case Study of Black Sea Region in Turkey	Guresci	2015	Procedia Economics and Finance 23:628-629	Turkey
208	Identification of Appropriate Biodiversity Indicators for Ecologically Sustainable Forest Management at National Level	Tolunay <i>et al.</i>	2015	Sains Malaysiana 44(2)(2015): 159–166	Turkey
209	Development of urban forest governance in Turkey	Atmis	2016	Urban Forestry & Urban Greening 19 (1):158–166	Turkey
210	Opportunities to enhance contribution of model forests in the sustainable forest resources management (Yalova Model Forest)	Bekiroglu <i>et al.</i>	2016	Journal of Environmental Management, 181 (1):701–709	Turkey
211	Quantitative SWOT analysis for prioritizing ecotourism-planning decisions in protected areas: Igneada case	Demir <i>et al.</i>	2016	The International Journal of Sustainable Development and World Ecology	Turkey
212	Effects of spacing on early growth rate and carbon sequestration in Pinus brutia Ten. Plantations	Erkan <i>et al.</i>	2016	Forest Systems 25(2), e064, 11 pages	Turkey