



Dominick A DellaSala, Ph. D¹

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I am a passionate scientist also having served as a CEO with more than three decades expertise in conservation biology and climate change planning from regional to international. I have >300 scientific publications and 7 multi-authored books; extensive public speaking, media and government relations; founded and directed organizations and governing boards; managed small and large numbers of staff; and stewarded large donors and multi-year gifts. I seek to inspire, support, and communicate effectively in goal-oriented and science-based large-scale conservation of global importance.

Education (1979-89)

Adelphi University, Garden City, New York

Bachelor's Degree (highest honors) May 1979

Foraging behavior of birds and reptiles in old-fields, Long Island, NY

Wayne State University, Detroit, Michigan

Master's Degree (highest honors) May 1982

Nesting, foraging behavior of yellow warblers in old fields and riparian areas, MI

University of Michigan, Ann Arbor, Michigan

Ph. D (highest honors) June 1986

Effects of forest fragmentation on neotropical migratory songbirds, MI

Post-doc Research Fellowships on Endangered Species: Oregon State University (1986-88),
University of Wyoming (1989)

Employment (1993-present)

World Wildlife Fund, Washington, D.C; Director (1993-2006)

Oregon State and Southern Oregon Universities, Adjunct faculty (2008-16)

Geos Institute, Ashland, Oregon; Chief Scientist/President (co-founder) (2006-2020)

Wild Heritage, a project of Earth Island Institute, Berkeley, CA; Chief Scientist (current)

Executive Experience (2006-present)

- Office management, media and government relations, board relations, staffing, multi-disciplinary projects, diverse coalitions, budget tracking, grant and contract management.
- Diverse fundraising portfolio - foundations, universities, donors from \$1,000 to \$1 million.
- Diversity, equity, and inclusivity training and application.

Boards, Coalitions, Committees (1998-present)

- White House Office Science and Technology Policy (1998, appointed by president Clinton)
- International Forest Conservation Chair (WWF, 1995-2000)
- Northern Spotted Owl recovery team (2006-2008, US Fish Wildlife Service)
- Alaska Coastal Rainforest Center (affiliate scientist, 2011-14)
- North Pacific Landscape Conservation Cooperative (Fish & Wildlife Service; 2012-2014)
- Technical reviewer for IPCC (2016)
- Oregon Global Warming Commission Task Force on Forest Carbon (selected by the governor, 2016-2019) (two terms)

¹Profiles on LinkedIn and Research Gate; blogs at www.ipfieldnotes.org/author/dominickdellasala/;
www.scitechconnect.elsevier.com/author/dominick-dellasala/

NGO Boards and Coalitions

- Geos Institute (2006-2020)
- Society for Conservation Biology (elected board president 2004-2012; two-terms)
- Acting forest-climate science advisor for several NGO coalitions

Editorial Science Boards

- *Imperiled* (2021; co-chief editor, Elsevier); *Encyclopedia of World's Biomes* (2019; co-chief editor, Elsevier); *Encyclopedia of the Anthropocene* (2018; co-chief editor, Elsevier); *Earth Systems and Environmental Sciences* (2017, Elsevier); *Natural Areas Journal* (2008-present); *Conservation Biology* (2012-16); *Diversity* (2015-present); *Forests* (2019-present); *Land* (2019-present).

Leadership, Training, Fellowships (2000-present)

- *Conservation Leadership Awards*: Wilburforce Foundation and World Wildlife Fund (twice) for national leadership on roadless areas and national monuments.
- *Choice Magazine Book Publication Award* – Temperate and boreal rainforests of the world (the only award given to an Island Press that year).
- *Fulbright Specialist*. U.S. State Department academic specialist (two years).
- *Griffith University* for global research on primary forests and postfire landscapes.
- *Training Resources for the Environmental Community and Management Skills for the New Supervisor including Diversity/Equity/Inclusivity (Padgett Thompson)*.
- *Certificates in Wetland Delineation (Wetland Training Institute)*, and *US Fish & Wildlife Service Habitat Evaluation Procedures*. Previously a registered bird bander.

Government and International Relations (1993-present)

Expert witness at numerous State and Congressional hearings on climate change, forests, wildfire, endangered species, and scientific integrity; legislative briefings on climate change; President Clinton's historic White House roadless ceremony and national monument designations; several national and state committee appointments; COP15 NGO delegate. Biodiversity research teams in Australia, Europe, tropics, North America. Tribal projects on conservation and development, carbon offsets, and land acquisitions for conservation.

Publications (2000-present, prior not shown)

Peer-Reviewed

DellaSala, D.A., W.J. Ripple, R.A Birdsey, C.E., Ramirez, B.R. Noon, and S.A. Masino. A carpe diem moment on US Forests and Climate Policy. In press. Invited paper Forest & GeoScience.

Birdsey, R., D. DellaSala, W. Walker, S. Gorelik, G. Rose, and C.E. Ramirez. 2023. Assessing carbon stocks and growth potential of mature forests and larger trees in U.S. federal lands. *Frontiers For. Glob. Change*. <https://doi.org/10.3389/ffgc.2022.1074508>

DellaSala D.A, Mackey B, Norman P, Campbell C, Comer PJ, Kormos C, Keith H and Rogers B 2022. Mature and old-growth forests contribute to large-scale conservation targets in the conterminous United States. *Front. For. Glob. Change* 5:979528. doi: 10.3389/ffgc.2022.979528

Bond, M.L., T.Y Chi, C.M. Bradley, D.A. DellaSala. 2022. Forest management, barred owls, and wildfire in Northern Spotted Owl territories. *Forests* 2022, 13, 1730. <https://doi.org/10.3390/f13101730>

Ripple, W.J., several authors, D. A. DellaSala. 2022. Rewilding the American West. *Bioscience* <https://doi.org/10.1093/biosci/biac069>

DellaSala, D.A., H. Keith, T. Sheehan, J. Strittholt, B. Mackey, M. Connolly, J.R. Werner, and A.L. Fredeen. 2022. Estimating carbon stocks and stock changes in Interior Wetbelt Forests of British Columbia, Canada. *Ecosphere* <https://doi.org/10.1002/ecs2.4020>

DellaSala, D.A., B. Baker, C.T., Hanson, L. Ruediger, and W. Baker. 2022. Have western USA fire suppression and active management approaches become a contemporary Sisyphus? *Biological Conservation* 268 <https://doi.org/10.1016/j.biocon.2022.109499>

DellaSala, D.A., Gorelik, S.R., Walker, W.S. 2022. The Tongass National Forest, southeast Alaska, USA: a natural climate solution of global significance. *Land* 11 <https://doi.org/10.3390/land11050717>

Harmon, M.E., C.T. Hanson, and D.A. DellaSala. 2022. Combustion of aboveground wood from live trees in megafires, CA, USA. *Forests*. *Forests* 13 (3)391; <https://doi.org/10.3390/f13030391>

Rogers, B., B. Mackey, T.A. Shestakova, H. Keith, V. Young, C.F. Kormos, D.A. DellaSala, et al. 2022. Using ecosystem integrity to maximize climate mitigation and minimize risk in international policy. *Frontiers in Forests and Global Change*. doi: 10.3389/ffgc.2022.929281

Ripple, WJ, DA DellaSala, F Baumann, J Gregg, MG Betts, BE Law, CJA Bradshaw, C Wolf. 2021. Zoonotic diseases and our troubled relationship with nature. *American Journal of Health Promotion* 36, doi:10.1177/08901171211063998.

DellaSala, D.A., J.R. Strittholt, R. Degagne, B. Mackey, J.R. Werner, M. Connolly, D. Coxson, A. Couturier, and H. Keith. 2021. Red-listed ecosystem status of interior wetbelt and inland temperate rainforest of British Columbia, Canada. *Land* 10, 775. <https://doi.org/10.3390/land10080775> (Featured Article).

Kun, Z., D.A. DellaSala, et al. 2020. Recognising the importance of unmanaged forests to mitigate climate change. *Global Change and Biology* <https://doi.org/10.1111/gcbb.12714>

DellaSala, D.A, et al. 2020. Primary forests are undervalued in the climate emergency. *Bioscience*. doi:10.1093/biosci/biaa030

Beever, E., S. Prange, and D.A. DellaSala. 2020. *Disturbance ecology and biodiversity*. CRC Press Taylor and Francis Group, LLC: Boca Raton, FL.

DellaSala, D.A. 2020. Fire-mediated biological legacies in dry forested ecosystems of the Pacific Northwest, USA. Pp. 38-85, In: E.A. Beaver, S. Prange, D.A. DellaSala (eds). *Disturbance Ecology and Biological Diversity*. CRC Press Taylor and Francis Group, LLC: Boca Raton, FL.

DellaSala, D.A. and C.T. Hanson. 2019. Are wildland fires increasing large patches of complex early seral forest habitat? *Diversity* 11, 157; doi:10.3390/d11090157

Buma, B., E. Batllori, S. Bisbing, A. Holz, S.C. Saunders, A.L. Bidlack, M.K. Creutzburg, D.A. DellaSala, multiple authors. 2019. Emergent freeze and fire disturbance dynamics in temperate rainforests. *Austral Ecology*. DOI: 10.1111/aec.12751

Reed, S.E, S.L. Thomas, A.T. Bednarek, D.A. DellaSala, et al. 2018. Roles for scientific societies to engage with conservation policy. *Conservation Biology* <https://doi.org/10.1111/cobi.13092>

DellaSala, D.A., et al. 2017. Accommodating mixed-severity fire to restore and maintain ecosystem integrity with a focus on the Sierra Nevada of California, USA. *Fire Ecology* 13:148-171.

Johns, D., and D.A. DellaSala. 2017. Caring, killing, euphemism and George Orwell: how language choice undercuts our mission. *Biological Conservation* 211: 174–176.

Ibisch, P.L., et al. 2016. A global map of roadless areas and their conservation status. *Science* 354:1423-1427.

Bradley, C.M., C.T. Hanson, and D.A. DellaSala. 2016. Does increased forest protection correspond to higher fire severity in frequent-fire forests of the western United States? *Ecosphere* 7:1-13.

Odion, D.C., et al. 2016. Areas of agreement and disagreement regarding ponderosa pine and mixed

conifer forest fire regimes: a dialogue with Stevens et al. PLoSOne
DOI:10.1371/journal.pone.0154579 May 19, 2016

Parsons, E.C.M., D.A. DellaSala, and A.J. Wright. 2015. Is marine conservation science becoming irrelevant to policy makers? *Frontiers in Marine Science* 2:1-4.

DellaSala, D.A., et al. 2015. Building on two decades of ecosystem management and biodiversity conservation under the Northwest Forest Plan, USA. *Forests* 6:3326-3352.

Mackey B., D. A. DellaSala, et al. 2015. Policy options for the world's primary forests in multilateral environmental agreements. *Conservation Letters* 8:139-147 DOI: 10.1111/conl.12120.

DellaSala, D.A., et al. 2014. Complex early seral forests of the Sierra Nevada: what are they and how can they be managed for ecological integrity? *Natural Areas Journal* 34:310-324.

Odion, D.C. et al. 2014. Effects of fire and commercial thinning on future habitat of the northern spotted owl. *Open Ecology Journal* 7:37-51.

Krankina, O., D.A. DellaSala, et al. 2014. High biomass forests of the Pacific Northwest: who manages them and how much is protected? *Environmental Management*. 54:112-121.

Beschta, R.L. et al. 2014. Reducing Livestock Effects on Public Lands in the Western United States as the Climate Changes: A Reply to Svejcar et al. *Environmental Management* 53:1039-1042.

Odion, D.C., et al. 2014. Examining historical and current mixed-severity fire regimes in ponderosa pine and mixed-conifer forests of western North America. *PlosOne* February 2014 Vol 9:1-14.

Brandt, P. et al. 2014. Multifunctionality and biodiversity: Ecosystem services in temperate rainforests of the Pacific Northwest, USA. *Biological Conservation* 169: 362–371.

DellaSala, D.A. et al. 2013. Alternative views of a restoration framework for federal forests in the Pacific Northwest. *Journal of Forestry* 111:402-492.

Greenwald, N, D.A. DellaSala, and J.W. Terborg. 2013. Nothing new in Kareiva and Marvier. *Bioscience* 63:241.

Hanson, C.T., D.A. DellaSala, and M.L. Bond. 2013. The overlooked benefits of wildfire. *Bioscience* 63:243.

Black, S.H., D. Kulakowski, B.R. Noon, and D. DellaSala. 2013. Do bark beetle outbreaks increase wildfire risks in the Central U.S. Rocky Mountains: Implications from Recent Research. *Natural Areas Journal* 33:59-65.

Beschta, R.L., D. A. DellaSala et al. 2012. Adapting to climate change on western public lands: addressing the impacts of domestic, wild and feral ungulates. *Environmental Management* DOI 10.1007/s00267-012-9964-9

DellaSala, D.A., et al. 2012. Priority actions for sustainable forest management in the International Year of Forests. *Conservation Biology* 26:572-575.

Matsuoka, S., J.A. Johnson, and D.A. DellaSala. 2012. Succession of bird communities in young temperate rainforests following thinning. *J. Wildlife Management* 76:919-931.

Olson, D.M., D.A. DellaSala, R.F. Noss, et al. 2012. Climate change refugia for biodiversity in the Klamath-Siskiyou ecoregion. *Natural Areas Journal* 32:65-74.

Noss, R.F. et al. 2012. Bolder thinking for conservation. *Conservation Biology* 26:1-4.

DellaSala, D.A., J.R. Karr, and D.M. Olson. 2011. Roadless areas and clean water. *Journal of Soil and Water Conservation* 66:78A-84A. doi:10.2489/jswc.66.3.78A

Swanson, M.E. et al. 2011. The forgotten stage of forest succession: early-successional ecosystems on forested sites. *Frontiers in Ecology and Environment* 9:117-125 doi:10.1890/090157

Hanson, C.T. 2010. Comprehensive management of Northern Spotted Owls in dry forest provinces: response to Spies et al. *Conservation Biology* 24:334-337.

Odion, D.C., M.A. Moritz, and D.A. DellaSala. 2010. Alternative community states maintained by fire in the Klamath Mountains, USA. *Journal of Ecology* 98: 96-105.

Staus, N.L., J. R. Strittholt, and D. A. DellaSala. 2010. Evaluating areas of high conservation value in western Oregon with a decision-support model. *Conservation Biology* 24:711–720.

Noss, R.F, E. Fleishman, D. A. DellaSala, et al. 2009. Priorities for improving the scientific foundation of conservation policy in North America. *Conservation Biology* 23:825-833.

Hanson, C.T., D.C. Odion, D.A. DellaSala, and W.L. Baker. 2009. Overestimation of fire risk in the Northern Spotted Owl recovery plan. *Conservation Biology* 23:1314-1319.

DellaSala, D.A. et al. 2006. Post-fire logging debate ignores many issues. *Science* 314:51-52.

Strittholt, J.R., D.A. DellaSala, and H. Jiang. 2006. Status of mature and old-growth forests in the Pacific Northwest, USA. *Conservation Biology* 20:363-374.

DellaSala, D. A., and J. Williams. 2006. Northwest Forest Plan Ten Years Later – how far have we come and where are we going. *Conservation Biology* 20:274-276.

Slosser, N.C., J. R. Strittholt, D.A. DellaSala, and J. Wilson. 2005. The landscape context in forest conservation: integrating protection, restoration, and certification. *Ecological Restoration* 23:15-23.

DellaSala, D.A., et al. 2004. Beyond smoke and mirrors: a synthesis of forest science and policy. *Conservation Biology* 18:976-986.

Williams, J., and D.A. DellaSala. 2004. Wildfire and conservation in western United States. *Conservation Biology* 18:872-873.

Odion, D.C. et al. 2004. Fire severity patterns and forest management in the Klamath National Forest, northwest California, USA. *Conservation Biology* 18:927-936.

Noon, B.R. et al. 2003. Conservation planning for US National Forests: conducting comprehensive biodiversity assessments. *Bioscience* 53:1217-1220.

DellaSala, D.A. 2003. Conserving forest biodiversity – a comprehensive multiscaled approach - review of D.B. Lindenmayer and J. F. Franklin. *Ecological Restoration* 21:229-230.

DellaSala, D.A. et al. 2003. A citizens' call for ecological forest restoration: forest restoration principles and criteria. *Ecological Restoration* 21:14-23.

Staus, N.L., J.R. Strittholt, D.A. DellaSala, and R. Robinson. 2002. Rate and pattern of forest disturbance in the Klamath-Siskiyou ecoregion, U.S.A. *Landscape Ecology* 17:455-470.

Heilman, G.E., Strittholt, J.R., Slosser, N.C., and DellaSala, D.A. 2002. Forest fragmentation of the conterminous United States: assessing forest intactness through road density and spatial characteristics. *Bioscience* 52:411-422.

Strittholt, J.R., and D.A. DellaSala. 2001. Importance of roadless areas in biodiversity conservation in forested ecosystems: a case study – Klamath-Siskiyou ecoregion, U.S.A. *Conservation Biology* 15:1742-1754.

DellaSala, D.A. et al. 2001. An updated protected areas database for the United States and Canada. *Natural Areas Journal* 21:124-135.

DellaSala, D.A., R.F. Noss, and D. Perry. 2000. A conservation biology and ecosystem restoration approach to federal lands management and certification. *Ecoforestry* 15:28-39.

Peer-Edited (mostly book chapters)

DellaSala, D.A., and C.T. Hanson. The ecological importance of mixed-severity fires: nature's phoenix. 2nd edition. In review.

DellaSala, D.A., and M.I. Goldstein. 2022. Imperiled terrestrial ecosystems: nature in retreat. *Imperiled: the encyclopedia of conservation*. Elsevier, pp. 1-11.

DellaSala, D.A., 2020. "Real" vs. "fake" forests: why tree plantations are not forests. *Encyclopedia of the World's Biomes*, vol. 3. Elsevier, pp. 47–55. <https://dx.doi.org/10.1016/B978-0-12-821139-7.00089-1>.

DellaSala, D.A., Furnish, J., 2020. Can young-growth forests save the Tongass Rainforest in Southeast Alaska? *Encyclopedia of the World's Biomes*, vol. 3. Elsevier, pp. 218–225.

DellaSala, D.A. 2020. Has anthropocentrism replaced ecocentrism in conservation? *Conservation*. Springer Nature Switzerland AG 2020 https://doi.org/10.1007/978-3-030-13905-6_7

DellaSala, D.A. 2019. Forest biome: trees of life. *Encyclopedia of the World's Biomes* <https://doi.org/10.1016/B978-0-12-409548-9.12007-X>

DellaSala, D.A., and M.I. Goldstein. Deserts: life in the extremes. *Encyclopedia of the World's Biomes*. <https://doi.org/10.1016/B978-0-12-409548-9.12077-9>

DellaSala D.A. 2018. Emergence of a new climate and human-caused wildfire era for western USA forests. *Reference Module in Earth Systems and Environmental Sciences* doi: 10.1016/B978-0-12-409548-9.10999-6.

DellaSala D.A. et al. 2018. The Anthropocene: How the Great Acceleration Is Transforming the Planet at Unprecedented Levels. *The Encyclopedia of the Anthropocene*, vol. 1, p. 1-7. Oxford: Elsevier.

DellaSala D.A. 2018. Freshwater and Global Change: Wellspring of Life. *The Encyclopedia of the Anthropocene*, vol. 2, p. 21-24. Oxford: Elsevier.

DellaSala D.A. 2018. Oceans and Global Change: One Blue Planet. *The Encyclopedia of the Anthropocene*, vol. 2, p. 17-19. Oxford: Elsevier.

DellaSala D.A. 2018. Robust Conservation Planning for Coast Redwood in a Changing Climate. *The Encyclopedia of the Anthropocene*, vol. 2, p. 337-345. Oxford: Elsevier.

DellaSala D.A. et al. 2015. Climate Change May Trigger Broad Shifts in North America's Pacific Coastal Rainforests. *Reference Module in Earth Systems and Environmental Sciences* <http://dx.doi.org/10.1016/B978-0-12-409548-9.09367-2>

Kormos, C.F., B. Mackey, D.A. DellaSala et al. 2017. Primary Forests: Definition, Status and Future Prospects for Global Conservation. *Encyclopedia of the Anthropocene* <http://dx.doi.org/10.1016/B978-0-12-409548-9.09711-6>

DellaSala D.A. 2013. Global Change. *Reference Module in Earth Systems and Environmental Sciences*, Elsevier 3 pp. 11-Sep-13 doi: 10.1016/B978-0-12-409548-9.05355-0.

Books & Encyclopedias

D.A. DellaSala, and M.I. Goldstein. 2022. *The Encyclopedia of Conservation: Imperiled*. (oversaw 260 multi-authored articles). Elsevier, Oxford.

D. A. DellaSala (ed). 2021. *Conservation science and advocacy for a planet in crisis: speaking truth to power*. Elsevier, Oxford. doi:10.1016/C2016-0-03650-1 (oversaw and wrote several chapters)

Goldstein, M.I., and D.A. DellaSala. 2020. *The Worlds Biomes* (oversaw 275 multi-authored articles and sections). Elsevier, Oxford.

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Beever, E.A., S. Prange, and D.A. DellaSala. 2020. Disturbance ecology and biological diversity. CRC Press: Boca Raton, FL (oversaw and authored several chapters).

DellaSala, D.A., and M.I. Goldstein. 2017. The Anthropocene (oversaw 275 multi-authored articles). Elsevier, Oxford.

DellaSala, D.A., and C.T. Hanson. 2015 (eds). The ecological importance of mixed-severity fires: nature's phoenix. Elsevier, United Kingdom. (16 coauthored chapters including western North America, Europe, Australia)

DellaSala, D.A. 2011. Temperate and boreal rainforests of the world: ecology and conservation. Island Press: Washington DC (14 coauthored chapters including western North America, Australia/New Zealand, Japan, Russia, Chile/Argentina, Europe).