



Dominick A DellaSala, Ph. D¹

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I am a passionate conservation scientist having served as both CEO and Chief Scientist of organizations with > 3 decades experience in conservation biology and climate change planning from regional to international. I have >300 peer-reviewed publications and 8 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 large-scale conservation with a climate focus.

Education (1979-89)

Adelphi University, Garden City, New York
Bachelor's Degree (highest honors) May 1979

Wayne State University, Detroit, Michigan
Master's Degree (highest honors) May 1982

University of Michigan, Ann Arbor, Michigan
Ph. D (highest honors) June 1986

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 (2020-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, selected by US Fish Wildlife Service)
- Alaska Coastal Rainforest Center (affiliate scientist, 2011-14)
- North Pacific Landscape Conservation Cooperative (US Fish&Wildlife Service; 2012-2014)
- Technical reviewer for IPCC (2016, 2018)
- Oregon Global Warming Commission Forest Carbon Task Force (selected by governor, 2016-2019) (two terms)
- Scientific advisor for multiple coalitions (Alaska, PNW, national, international)
- Society for Conservation Biology (elected board president 2004-2012; two-terms)

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

Science Review Boards

- *Encyclopedia of Conservation* (2021; co-chief editor, Elsevier); *Encyclopedia of 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* (2008-2020); *Conservation Biology* (2012-16); *Diversity* (2015-present); *Forests* (2019-present); *Land* (2019-present); *Forests and GeoScience* (present).

Leadership, Training, Fellowships (2000-present)

- *Conservation Leadership Awards*: Wilburforce Foundation and World Wildlife Fund (twice) for 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 book that year).
- *Fulbright Specialist*. U.S. State Department academic specialist (two years).
- *Griffith University scholar* for global research on primary forests.
- *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 biodiversity 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, dozens prior not shown)

Peer-Reviewed

Mackey, B.; Campbell, C.; Norman, P.; Hugh, S.; DellaSala, D.A.; Malcolm, J.R.; Desrochers, M.; Drapeau, P. Assessing the Cumulative Impacts of Forest Management on Forest Age Structure Development and Woodland Caribou Habitat in Boreal Landscapes: A Case Study from Two Canadian Provinces. *Land* **2024**, *13*, 6. <https://doi.org/10.3390/land13010006>

DellaSala, D.A., A.L. Kuchy, M. Koopman, K. Menke, T.L. Fleischner, and M.L. Floyd. 2023. An ecoregional conservation assessment for forests and woodlands of the Mogollon Highlands Ecoregion, Northcentral Arizona and Southwestern New Mexico, USA. *Land* <https://doi.org/10.3390/land12122112>

Baker, W.L., C.T. Hanson, D.A. DellaSala. 2023a. Nature-based solutions to extreme wildfires. *Fire* **2023**, *6*, 428. <https://doi.org/10.3390/fire6110428>.

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

Baker, W.L., C.T. Hanson, M.A. Williams, and D.A. DellaSala. 2023b. Countering omitted evidence of variable historical forests and fire regime in Western USA dry forests: the low-severity fire model rejected. *Fire* **2023**, *6*, 146. <https://doi.org/10.3390/fire6040146>

Hughes, R.M., J.R. Karr, R.L. Vadas, D.A. DellaSala, et al. 2023. Global concerns related to water biology and security: the need for language and policies that safeguard living resources versus that that dilute scientific knowledge. *Water Biology and Security* <https://doi.org/10.1016/j.watbs.2023.100191>.

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. 2023. Invited paper *J Forest and Geosci* *1*:1-5. https://www.esciinfo.com/uploads/article_pdf/6/scientific_6_7_03042023070834.pdf

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.

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. (Featured and top cited 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; <https://doi.org/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., D. DellaSala, 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 Books and Chapters

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

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

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

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)

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

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

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. 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. 2019. 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.

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Dominick A. DellaSala

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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
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DellaSala, D.A. 2016. Protecting half the planet and transforming human systems are complimentary goals. Pp. 21-26, In Protecting the Wild: Parks and Wilderness, the Foundation for Conservation. G. Wuerthner (ed). Island Press: Washington, D.C.

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>

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. 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.

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).