

# Dominick A DellaSala, Ph. D<sub>1</sub>

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I am a dedicated conservation scientist having served as CEO and Chief Scientist of several organizations with over 4 decades experience in conservation biology and climate change planning from regional to international. I have 350 peer-reviewed publications and 8 multi-authored

books; extensive public speaking, media and government relations; founded and directed organizations and non-profit 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**

Ebasco Environmental (large consulting company), Science Program Manager, WA (1989-1993) World Wildlife Fund, Washington, D.C; Director (1993-2006) Oregon State and Southern Oregon Universities, Adjunct faculty (2008-16)

Geos Institute, Ashland, OR; Chief Scientist/President (co-founder) (2006-2020)
Wild Heritage, a project of Earth Island Institute, Berkeley, CA; Chief Scientist (2020-2025)
Conservation Biology Institute, Corvallis, OR, Senior Conservation Scientist, Assoc. Program (current)

# **Executive Experience**

- 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**

- 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, 2011-2014)
- North Pacific Landscape Conservation Cooperative (US Fish & Wildlife Serv.; 2012-2014)
- Technical reviewer for IPCC (2016, 2018)
- 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)
- National Biodiversity and Climate Change Assessment USGS annual report (2024-25)

<sup>&</sup>lt;sup>1</sup>Profiles on LinkedIn and Research Gate; blogs at www.<u>ipfieldnotes.org/author/dominickdellasala/;</u> www.scitechconnect.elsevier.com/author/dominick-dellasala/

Science Journals and Encyclopedia 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, chief editor Biodiversity Section); Land (2019-present); Biological Conservation (2024-present).

# Leadership, Training, Fellowships

- 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 Australia 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**

Expert witness and briefings at numerous State and Congressional hearings on climate change, forests, wildfire, endangered species, and scientific integrity; President Clinton's historic White House roadless ceremony and national monument designations; COP15 NGO biodiversity delegate; Oregon Governor Kate Brown's forest carbon advisory team; White House sustainability initiatives. Biodiversity research teams in Australia, Europe, tropics, US and Canada. Tribal partnerships on conservation and development, carbon offsets, and land acquisitions for conservation.

## **Publications (2000-present, dozens prior not shown)**

### Peer-Reviewed

DellaSala, D.A, multiple authors. 2025. Removing dead trees will not save us from fast-moving fires. PNAS <a href="https://www.pnas.org/doi/10.1073/pnas.2510922122">https://www.pnas.org/doi/10.1073/pnas.2510922122</a>

DellaSala, D.A., multiple authors. 2025. An ecoregional conservation assessment for the Northern Rockies Ecoregion and proposed climate refugium in the Yaak River Watershed, USA. Forests <a href="https://doi.org/10.3390/f16050822">https://doi.org/10.3390/f16050822</a>

Lindenmayer, D., P. Zylstra, C.T. Hanson, D. Six, and D.A. DellaSala. 2025. When active management of high conservation value forests may erode biodiversity and damage ecosystems. Biol. Cons. <a href="https://doi.org/10.1016/j.biocon.2025.111071">https://doi.org/10.1016/j.biocon.2025.111071</a>

DellaSala, D.A., multiple authors. 2025. Measuring forest degradation via ecological-integrity indicators at multiple spatial scales. Biol. Cons. <a href="https://doi.org/10.1016/j.biocon.2024.110939">https://doi.org/10.1016/j.biocon.2024.110939</a>

Mackey, B., T.R. Bhatt, P. Norman, D. DellaSala, B.M. Rogers, and S. Hugh. 2025. Exploring the determinants of the 2023 Quebec, Canada, mega-wildfire burn severity. Int. J. Wildland Fire <a href="https://doi.org/10.1071/WF24175">https://doi.org/10.1071/WF24175</a>

DellaSala, D.A. 2025. Killing barred owls to save spotted owls is the lesser of two evils. The Ecological Citizen 8(1): epub-118 (peer-edited) (<a href="https://www.ecologicalcitizen.net">www.ecologicalcitizen.net</a>)

Mackey, B., S. Hugh, P. Norman, B.M. Rogers, D.A. DellaSala. 2024. Insights into boreal forest disturbance from canopy stability index. Land 2024, 13, 1644. https://doi.org/10.3390/land13101644

Mackey B., C. Campbell, P. Norman, S. Hugh, D.A. DellaSala, D.A., J.R. Malcolm, M. Desrochers, and P. Drapeau. 2024. 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

Silver, B., D.V. Spracklen, D.A. DellaSala, and C. Smith. 2024. Large reductions in temperate rainforest biome due to unmitigated climate change. Earth's Future, 12, e2024EF004812.

DellaSala, D.A., multiple authors. 2024. An ecoregional conservation assessment for the Southern Rocky Mountains Ecoregion and Santa Fe Subregion, Wyoming to New Mexico, USA. Land 2024 13(9) 1432; https://doi.org/10.3390/land13091432

Hughes, R.M. D. M. Chambers, D.A. DellaSala, multiple authors. 2024. Environmental impact assessments should include rigorous scientific peer review. Water Biology and Security https://doi.org/10.1016/j.watbs.2024.100269

DellaSala, D.A., and J. Talberth. 2024. Every day would be international day of forests if forest degradation and deforestation actually ended by 2030. Biol. Cons. <a href="https://doi.org/10.1016/j.biocon.2024.110643">https://doi.org/10.1016/j.biocon.2024.110643</a>

Mackey, B.; Campbell, C.; Norman, P.; Hugh, S.; DellaSala, D.A.; Malcolm, J.R.; Desrochers, M.; Drapeau, P. 2024. 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 13,6. https://doi.org/10.3390/land13010006

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 www.keaipublishing.com/en/journals/water-biology-and-security.

DellaSala, D.A., multiple authors. 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.

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. <a href="https://doi.org/10.3390/fire6040146">https://doi.org/10.3390/fire6040146</a>

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 <a href="https://doi.org/10.3389/ffgc.2022.1074508">https://doi.org/10.3389/ffgc.2022.1074508</a>

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 <a href="https://doi.org/10.1016/j.watbs.2023.100191">https://doi.org/10.1016/j.watbs.2023.100191</a>.

DellaSala, D.A., multiple authors. 2023. 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

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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

Ripple, W.J., D.A. DellaSala, multiple authors. 2022. Zoonotic diseases and our troubled relationship with nature. American J. of Health Promotion 36(2) https://doi.org/10.1177/08901171211064224

DellaSala, D.A., multiple authors. 2022. Estimating carbon stocks and stock changes in Interior Wetbelt Forests of British Columbia, Canada. Ecosphere <a href="https://doi.org/10.1002/ecs2.4020">https://doi.org/10.1002/ecs2.4020</a>

DellaSala, D.A., multiple authors. 2022. Have western USA fire suppression and active management approaches become a contemporary Sisyphus? Biological Conservation 268 <a href="https://doi.org/10.1016/j.biocon.2022.109499">https://doi.org/10.1016/j.biocon.2022.109499</a>

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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/fl3030391

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DellaSala, D.A., multiple authors. 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

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DellaSala, D.A. and C.T. Hanson. 2019. Are wildland fires increasing large patches of complex early seral forest habitat? Diversity11, 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., multiple authors. 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., multiple authors. 2015. Building on two decades of ecosystem management and biodiversity conservation under the Northwest Forest Plan, USA. Forests 6:3326-3352.

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

Beschta, R.L., D.A. DellaSala, multiple authors. 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., D.A. DellaSala, multiple authors. 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.

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

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

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Noon, B.R., D.A. DellaSala, multiple authors. 2003. Conservation planning for US National Forests: conducting comprehensive biodiversity assessments. Bioscience 53:1217-1220.

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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 (9) and Chapters (14)

DellaSala, D.A., and C.T. Hanson. 2024. **Mixed-severity fires: nature's phoenix**. 2<sup>nd</sup> edition. Elsevier: Boston, MA. 12 Chapters

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

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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

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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).