

Bishaw's Curriculum Vitae

Resume Summary:

- **Education:** Dr. Bishaw was educated in Africa, Europe and the United States. He has over 35 years of experience in forestry, natural resources and agriculture education, research, outreach and administration. He received his Ph.D. in 1993 from Oregon State University in Forest Resources and an MS in 1985 from the University of Dresden, Germany in Tropical Forestry, and a B.Sc. in Plant Sciences 1979 from Addis Ababa University, Ethiopia.
- **Experience in Administration:** Dr. Bishaw has substantial experience in project management and program administration working nationally and internationally. He has been involved with program visioning and directing the education, research, and outreach activities of the International program in the College of Forestry at Oregon State University. He served as Director of the International Programs for the College of Forestry from July 2004 to June 2007. He also worked as Project Co-director for two USAID-funded higher education partnerships between Oregon State University and universities and national research institutions in South Africa and Ethiopia. He has served as Chair of the Faculty of Forestry at the Alemaya University of Agriculture in Ethiopia from 1987 to 1989. He also served as Program Director for the Master of Natural Resources (9/2010-1/2018). He was the Director for the Sustainable Natural Resources and the Forests and Climate Change Graduate Certificates at OSU (9/2009-2021).
- **Teaching Experience:** Dr. Bishaw has been involved in teaching courses in International Forestry, Agroforestry and Natural Resources at Oregon State University and universities in South Africa and Ethiopia. He was involved in developing curricula for forestry, agroforestry and natural resource programs for universities in the U.S., South Africa and Ethiopia. As a member of the Sustainable Forest Partnership, he has participated in the development of the Sustainable Natural Resources Graduate Certificate at Oregon State University. He has also co-developed a Master of Natural Resources degree program at OSU. He has co-developed the Forests and Climate Change Graduate Certificate taught online through OSU Ecampus.
- **Research and Outreach activities:** Dr. Bishaw has been involved in forestry and agroforestry research funded by state and federal agencies in Oregon and other parts of the U.S. He finds international work to be an enriching experience that provides an opportunity to share his experiences and knowledge with a broader audience. He has participated in research, outreach, formal instruction and program development in South Africa, Ethiopia and southern Africa (Malawi, Mozambique and Zambia) with funding from the USAID. These projects have an outreach programs to address food security, watershed management, poverty alleviation and land degradation in South Africa, Ethiopia and southern Africa. He also led a collaborative project between the World Agroforestry Center and OSU. He served as President, Association for Temperate Agroforestry (AFTA) in North America from 2017-2019. Currently, he is the President and Cofounder of the Ethiopian Environment and Sustainable Development Council
- **Publications, book chapters and Abstracts:** I have published 34 referred and peer reviewed articles, 6 book chapters, and 9 non-referred publications. I have attended many national and international conferences, organized national and international conferences and presented 9 invited papers and 11 volunteer papers in many of these conferences.

Details (next page)

I. Name, Rank, Title

Badege Bishaw, Ph.D. Former Program Director
and Senior Instructor
Forest Ecosystems and Society
College of Forestry
Oregon State University (OSU), USA
badegbishaw@gmail.com



II. EDUCATION AND EMPLOYMENT INFORMATION

A. EDUCATION

Ph.D., 1993, Oregon State University, Forest Resources,

M.S., 1985, University of Dresden (Germany), Tropical Forestry,

B.Sc., 1979, Addis Ababa University (Ethiopia), Agriculture (Plant Sciences),

Certificate, 1990, Rockefeller Summer Institute for African Agricultural Research, University of Wisconsin, Wisconsin, U.S.A. July 8-27,

Certificate, 1989, International Center for Research in Agroforestry (ICRAF) International Course on Agroforestry Research and Development, Nairobi, Kenya; May 8-26,

B. EMPLOYMENT/ACADEMIC POSITION

1. 10/2022 - Adjunct Professor, College of Agriculture & Natural Resource, Bonga University, Ethiopia.
2. 5/2022 - Courtesy Faculty, Forest Ecosystems and Society, Oregon State University.
3. 7/2014 – 6/2021, Senior Instructor, Forest Ecosystems and Society, Oregon State University.
4. 7/2007- 6/2013, Instructor, Forest Ecosystems and Society, Oregon State University.
5. 9/2015 – 6/2021, Program Director, Forests and Climate Change Graduate Certificate, Department of Forest Ecosystems and Society, Oregon State University.
6. 9/2010 – 1/2018, Program Director, Master of Natural Resources, Department of Forest Ecosystems and Society, Oregon State University.
7. 9/2009 – 6/2021, Program Director, Sustainable Natural Resources Graduate Certificate, Department of Forest Ecosystems and Society, Oregon State University.

8. 7/2004 - 6/2007, Director of International Programs, College of Forestry, Oregon State University.
9. 7/1993 - 6/2004, Research Associate, Department of Forest Science, Oregon State University.
10. 9/1989 – 8/1991, Assistant Professor, Alemaya University of Agriculture, Ethiopia.
11. 9/1987 - 8/1989, Chairman, Faculty of Forestry, Alemaya University of Agriculture, Ethiopia.
12. 9/1985 – 8/1989, Senior Lecturer, Alemaya University of Agriculture, Ethiopia.
13. 9/1979 – 8/1982, Assistant Lecturer and Graduate Assistant, Alemaya University of Agriculture, Ethiopia

III. TEACHING, ADVISING AND OTHER ASSIGNMENTS

1. Instructional Summary

Credit courses

FE/FOR 456 - International Forestry (3 credits), (Co-Instructor),

Co-taught this course for upper level undergraduate and graduate students from 2003-2023, total 1050 students.

FOR 407/507 International Forestry Seminar (1 credit)

Taught this course for upper level undergraduate and graduate students from 2003 – 2008, total 173 students.

FS/NR/RNG 477/577 Agroforestry (3 credits)

Taught this course for upper level undergraduate and graduate students from 2011 – 2020, total 399 students.

FS 433/533; SNR 532 Planning Agroforestry Projects (2 credits)

Taught this course for upper level undergraduate and graduate students every other year on campus and extended campus 2007 – 2020, total of 58 students.

SNR 511 Sustainable Natural Resources Management (1 credit)

Taught this course to graduate students online, ECampus 2010 – 2020, (208 students).

SNR 506 Independent Projects in Natural Resources Sustainability (2 credit)

Taught this course to graduate students online, ECampus 2010 – 2020, (105 students).

MNR 511 Introductions to Sustainable Natural Resources (3 credits)

Co-taught this course to graduate students online ECampus 2011 – 2020, (389 students).

MNR 560 Master of Natural Resources Case Study (1-9 credits)

Co-taught this course to graduate students online, ECampus 2012 – 2020, (272 students).

2. Curriculum and Course Development Activities

2.1. Curriculum Development

1999 – 2003: Agroforestry Curriculum Development for undergraduate, honors and graduate programs University of Fort Hare in South Africa.

2003-2005: Natural Resource Management Curriculum Development for undergraduate and graduate programs Wondo Genet College of Forestry, Debu University in Ethiopia.

2006- 2009: Graduate Certificate in Sustainable Natural Resources at Oregon State University. (www.cof.orst.edu/SNRcertificate).

2008- 2010: Master of Natural Resources degree program –online at Oregon State University. I led the MNR degree program and curriculum development.

2011 – 2015: Graduate Certificate in Forests and Climate Change – online at Oregon State University. I led the FCC program and curriculum development.

2.2. Course Development (OSU)

FES 433/533: Planning Agroforestry Projects: This course is offered for undergraduate and graduate students in the College of Agriculture, Forestry and other Colleges at OSU.

SNR 532: Planning Agroforestry Projects: This course is offered for Sustainable Natural Resources graduate students. It was offered on-line through OSU Extended Campus.

MNR 511: Introduction to Sustainable Natural Resources: this is an introductory required course taught by interdisciplinary team of faculty to all MNR students. I was the lead instructor for this course.

MNR 560: Master’s Case study course: It is the capstone project course that all MNR students take to complete their independent project.

Course Development (South Africa)

APE 301: Introduction to Agroforestry (3 credits) as part of the agroforestry curriculum a 3 credits Introduction to Agroforestry course was developed for undergraduate program at the University of Fort Hare in South Africa.

3. 1. Graduate and undergraduate student advising:

I have served as Graduate committee, Major, or Co-major Professor for the following students.

Students	Degree	Program	Completion Date	Role Major Prof/CM
Ben Spong	Ph.D.	FE	2007	CM
Zelege Ewnetu	Ph.D.	FR	2009	CM
Kathleen Guillozet	Ph.D.	FES	2011	CM
Susan Morre	Ph.D.	FES	2014	CM
Jacob Peterson- Perlman	Ph.D.	COAS	2014	CM
Sonia Bruck	Ph.D.	FES	2020	Co- major Prof.
Mohamed Abdallah	Ph.D.	CAS	2020	CM
Margaret Kunje	MF	FES	2009	Co-Advisor
Ramona Arechiga	MS	FERM	2013	CM
Dana Devin Clarke	Honors	FS	2004	Major Prof.
Brad Converse	Honors	Engineering	2011	Major Prof.
Valerie Goodness	SNR	SNR	2011	Major Prof.
Courtney Holley	Internship	Engineering	2011	Major Prof.
David Eastman	SNR/MNR	SNR/MNR	2011/12	Major Prof.
David Caldwell	SNR/MNR	SNR/MNR	2011/2013	Major Prof.
Amy Small	Certificate	SNR	2012	Major Prof.
Stephan Petranker	SNR/MNR	MNR	2011/2015	Major prof.
Susy Boyd	FCC	MNR	Spring 2017	Major Prof.
Jeannette Krampien	MS	FES	Fall 2015	Major Prof.
Sonia Bruck	MS	FES	Spring 2016	Major Prof.
Daniel Dusk	MNR	MNR	Spring 2016	Major Prof.
Sara Griffith	MNR	MNR		Major Prof.
Janelle Del Campo	MNR	MNR	Summer 2016	Major prof.
Daniel Krenz	MNR	MNR	Spring 2013	Co-major
Sara Wilson	MNR	MNR	Spring 14	Co-major
Adam Malcomb	MNR	MNR	Spring 2018	Co-major
Patrick Kelleher	MNR	MNR	Fall 2017	Major prof.
Nick Krikendall	MNR	MNR	Fall 2018	Major prof.
Daniel Nguyen	MNR	MNR	N/A	Major prof.
Selina Tuimavave	MNR	MNR	Winter 2015	Co-major
Joseph Russell	MNR	MNR	Fall 2015	Co-major
Sabrina Pearson	MNR	MNR	Spring 2017	Co-major
Aaron Works	MNR	MNR	Spring 2017	Co-major
Shawn Swartz	MNR	MNR	Fall 2020	Major Prof.
Courtney Lynn	MF	FES	Spring 2018	Major prof.
Amber Winterbourne	MNR	MNR	Fall 2016	Major prof.
David Cohn	MNR	MNR	Spring 2022	Major Prof.
Kevin Thomas Ellison	MNR	MNR	Winter 2023	Major Prof.
Justin Green	MNR	MNR	Fall 2023	Major Prof.
Whitney Lynne Shervey	Undergraduate	NR	Spring 2016	Advisor
Olivia Gabrielle Diaz	Undergraduate	NR	Fall 2016	Advisor

3.2. Visiting Scholars and Postdocs Hosted

Our international collaborations with South African and Ethiopian educational and research institutions has led over 30 international scholars and postdocs to visit Oregon State University and spent times (that spans from one week to six months) working with OSU faculty on their research projects, publishing papers, giving seminars and exchange experiences while achieving COF and OSU missions of internationalization. Over fifteen OSU faculties and students have also visited universities and research institutions in South Africa and Ethiopia; provided training, workshops, and involved in curriculum development and consultations. OSU students have also conducted their PhD, MS and Honor thesis research, internships and study abroad.

4. Program Leaderships

2004 -2007: Director of International Programs, College of Forestry. In this capacity, I developed a five-year strategic and action plan for the College of Forestry international programs to lead its teaching, research and outreach activities. Among the achievements, I co-developed and co-taught the international forestry course, led the international forestry and global issue seminars. I have also led two USAID Higher Education for Development collaborative projects between OSU, universities, and national research institutions in South Africa and Ethiopia.

2009 – 2021: Director of Sustainable Natural Resources (SNR) Graduate Certificate program. I co-led the SNR program development. As the Director of the SNR program, I coordinated the teaching, advising and administration of the SNR program.

2010 – 2018: Director, Master of Natural Resources (MNR): I led the MNR graduate program development. I became the first Director of the MNR program, once the program approved by the Oregon Board of Higher Education on September 2010. I worked closely with the Graduate School, the University Registrar Office and Ecampus Marketing Department to start the program. I also established the MNR Administrative and Graduate Admission Committees to run the program.

2015 – 2021: Director of Forests and Climate Change (FCC) Graduate Certificate program. I led the FCC program development. As the Director of the FCC program, I coordinated the teaching, advising and administration of the FCC program.

IV. Publications

Refereed publications

7. Bishaw, B., Soolanayakanahally, R., Karki, U. *et al.* Agroforestry for sustainable production and resilient landscapes. *Agroforest Syst* **96**, 447–451 (2022). <https://doi.org/10.1007/s10457-022-00737-8>
6. Bishaw, B. 2021. Conceptual and Practical Approaches to Integrated Watershed Management and Agroforestry to Address Food Security and Environmental Degradation in Lake Tana and the Blue Nile River Basin, Ethiopia. A. M. Melesse et al. (eds.), *Nile and Grand Ethiopian Renaissance Dam*, Springer Geography, https://doi.org/10.1007/978-3-030-76437-1_18
5. Kiros Meles Hadgu, Badege Bishaw, Miyuki Iiyama, Emiru Birhane, and Aklilu Negussie, 2019. Strategies for accelerating Scaling-ups of Agroforestry: A climate smart agriculture option for addressing Multi-faceted Challenges in Smallholder Farming Systems. *Ed. Kiros Hadgu, Badege Bishaw, Miyuki Iiyama, Emiru Birhane, Aklilu Negussie, Caryn M. Davis, and Bryan Bernart. Climate Smart Agriculture: Enhancing Resilient Agricultural Systems, Landscapes, and Livelihoods in Ethiopia and Beyond. World Agroforestry (ICRAF) Nairobi, Kenya.*
4. Sonia R Bruck, Badege Bishaw, Tamara L Cushing, Frederick W Cabbage, 2019. Modeling the Financial Potential of Silvopasture Agroforestry in Eastern North Carolina and Northeastern Oregon. *Journal of Forestry*, Volume 117, Issue 1, 10 January 2019, Pages 13– 20. <https://doi.org/10.1093/jofore/fvy065>
3. Temu AB, Okali, D, Bishaw B, 2006. Forestry Education, training and professional development in Africa, *International Forestry Review* Vol. 8 (1), 118-125. [2012 ISI Impact factor: 1.263, Journal Ranking: 30/60 (Forestry)].
2. Bishaw, B., DeBell, S. D., and Harrington, C.A 2003. Patterns of Survival, Damage, and Growth for Western White Pine in a 16-Year-old Spacing Trail in Western Washington. *Western Journal of Applied Forestry* 18 (1): 35-43. [2012 ISI Impact factor: 0.82, Journal Ranking: 58/60 (Forestry)].
1. Bishaw, B., 2001. Deforestation and Land Degradation in the Ethiopian highlands: Strategy for Physical Recovery, *Journal of Northeast African Studies*, Vol. 8 (1):7-26 [2012 ISI Impact factor: 0.963, Journal Rankling:].

Peer-Reviewed publications

27. Kiros Meles Hadgu, Badege Bishaw, Miyuki Iiyama, Emiru Birhane, Aklilu Negussie, Caryn M. Davis, and Bryan Bernart, Editors. *Climate-smart Agriculture: Enhancing*

- Resilient Agricultural Systems, Landscapes and Livelihoods in Ethiopia and Beyond. 2019. World Agroforestry (ICRAF), Nairobi, Kenya.
26. Sonia R. Bruck, Badege Bishaw, Tamara L Cushing, Frederick W Cubbage. 2019. Modeling the Financial Potential of Silvopasture Agroforestry in Eastern North Carolina and Northeastern Oregon, *Journal of Forestry*, Volume 117, Issue 1, 10 January 2019, Pages 13–20, <https://doi.org/10.1093/jofore/fvy065>
 25. Bishaw, Badege. 2018. Potential of Agroforestry in the Pacific Northwest: opportunities and Challenges. Kabaluk, Todd and Lisa Frey (eds), Proceedings of the 60th Annual Horticulture Growers' Short Course, January 25-27, 2018, Lower Mainland Horticultural Improvement Association, British Columbia, Canada pp 91-95.
 24. Bishaw, B. and MacFarland, K. 2017. Appendix 1 Regional Summary: Northwest. In: T. Patel-Weynand et al. (eds), *Agroforestry: Enhancing Resiliency in U.S. Agricultural Landscapes Under Changing Conditions*. Gen. Tech. Rep. WO-96 U.S. Department of Agriculture, Forest Service.
 23. Bishaw, B, Neufeldt, H, Mowo J, Abdelkadir A, Muriuki J, Dale J, Kassa HM, Assefa T, and Guillozet K. 2013. Farmers Adaptation and Mitigation to Climate Change through Agroforestry in Ethiopia and Kenya. Oregon State University, Corvallis, Oregon. USA 96 pp.
 22. Bishaw, B. 2013. Agroforestry an Integrated Land-Use System to Meet Agricultural Production and Environmental Protection in the United States. 1–11. Xitou Nature Education Area, National Taiwan University, Taiwan, 2013.
 21. Eastman D, Catacutan DC, Do TH, Guarnaschelli S, Dam VB, and Bishaw B. 2013. Stakeholder preferences over rewards for ecosystem services: implications for REDD+ benefit distribution system in Viet Nam. Working Paper 171. Bogor, Indonesia: world Agroforestry Center (ICRAF) Southeast Asia Regional Program. 17 pp. DOI: 10.5716/WP13057.PDF.
 20. Bishaw, B. and Sharrow, S. 2011. Agroforestry Education at Oregon State University. In Ashton, S.F., S.W. Workman, W.G. Hubbard and D.J. Moorhead, eds. *Agroforestry: A Profitable Land Use*. In Proceedings, 12th North American Agroforestry conference. Athens, GA June 4-9.
 19. Buckman, Robert E., Bishaw, B.; Hanson, T.J., Benford, and Frank A. 2006. Growth and yield of red pine in the Lake States. Gen. Tech. Rep. NC-271. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research station. 114 p. <http://nrs.fs.fed.us/pubs/9031>
 18. Bishaw, B. 2006. Integrating Agroforestry into Rural Development for Food Security and Environmental Protection. In Proceedings of the International Conference on a

Development Strategy for the Horn of Africa. The University of Texas at Arlington, Dallas, U.S.A. October 20-22.

17. William, E., Bishaw, B. and William, R. 2005. Tree Buffers along Streams on Western Oregon Farmland, OSU Extension Bulletin, EM 8895-E, Oregon State University, Corvallis, Oregon. 24 pp.
16. Bishaw, B. and Abdelkadir, A. 2003. Agroforestry and Community Forestry for Rehabilitation of Degraded Watersheds on the Ethiopian Highlands. *In* Proceedings of the International Conference on Contemporary Development Issues in Ethiopia. Addis Ababa, Ethiopia, July 11-12.
15. Bishaw, B., and William, E. 2003. Conceptual Framework for Establishing and Managing Riparian buffers on Agricultural Lands in Western Oregon. The 8th North American Agroforestry Conference, June 23-25, Oregon State University, Corvallis, Oregon
14. Bishaw, B., Underwood, M., Soandi, A. 2002. Strengthening Agroforestry and Social Forestry Education in South Africa. Wood For Africa 2002 Conference, July 2-3, Hilton College, Pietermaritzburg, South Africa.
13. Bishaw, B., William, E., Rogers, W. 2002. Riparian Forest Buffers on Agricultural Lands in the Oregon Coast Range: Beaver Creek Riparian Project as Case Study. Research Contribution 38, Forestry Research Laboratory, Oregon State University, Corvallis, Oregon. PP 28.
12. Bishaw, B., William, R. and William, E., 2001. Establishment of Riparian Forests buffers on Agricultural Lands in the Oregon coast Range: Beaver Creek Case Study. *In* Proceedings of 7th Biennial Conference on Agroforestry in North America, Regina, Saskatchewan, Canada, August 12-15. P. 223-232.
11. Bishaw, B. 2001. Deforestation and Land Degradation on the Ethiopian highlands: A Strategy for Physical Recovery. *In* Proceedings of the International Conference on Contemporary Development Issues in Ethiopia. Kalamazoo, Michigan, August 16-18.
10. Emmingham, B., Chan, S., Mikowski, D., Owston, P., and Bishaw, B. 2000. Silvicultural Practices for Riparian Forests in the Oregon Coast Range. FRL, Research Contribution 24. COF, OSU. Corvallis, Oregon. 34pp.
9. Merwin, M., Bishaw, B., Powers, M., and Brodie, D., 1999. Biological, economic and public policy aspects of Agroforestry enterprises combined with riparian buffers on farmlands in western Oregon. *In* Proceedings of the 6th North American Agroforestry Conference, June 12-16, Hot Springs, Arkansas.
8. Bishaw, B., and William, E., 1998. The Potential of Hybrid Poplar as a Riparian Buffer to Provide Shade to Streams and Other Benefits to Riparian Areas. Ecosystem Restoration: Turning the Tide. Seattle, WA, Society for Ecological Restoration: 74-77 pp.

7. Bishaw, B. Buckman, R.E., Brodie, J.D. 1995. Land-use and socio-economic survey to determine options for agroforestry systems at Watershed level. Paper Presented on the Fourth North American Agroforestry Conference, Boise, Idaho, July 24-28, pp. 10-14.
6. Bishaw, B., Buckman, R.E., Brodie, J.D. 1993. Agroforestry and tree planting potentials for the Alemaya Basin, Hararghe, Ethiopia. *In* Proceedings of the Third North American Agroforestry Conference, Iowa State University, Ames, Iowa, August 15-18. pp 163-174.
5. Hockestra, D., Torqubeau, E., Bishaw, B. (eds) 1990. Agroforestry: Potentials and Research Needs for the Ethiopian Highlands. This is a Diagnostic and Design survey on the Ethiopian Highlands to identify the different land-use systems and their constraints. Result of this study was published by ICRAF as Report No. 21, 1990. Nairobi, Kenya. 115 pp
4. Bishaw, B. and Abdelkadir, A. 1989. "Strategies for On-Farm Research in Agroforestry, Hararghe Highlands, Ethiopia". *In* Proceedings of the First National Natural Resource Conservation Conference, IAR. Addis Ababa, Ethiopia, February 7 - 8. pp 164-173.
3. Bishaw, B. and Uibrig, H. 1989. Management of Community Woodlot, Hararghe Highlands, Ethiopia. *In* Proceedings of the First National Natural Resource Conservation Conference, IAR. Addis Ababa, Ethiopia, February 7 - 8. pp 178-186.
2. Bishaw, B. et al., 1988. Evaluation of Multipurpose Tree and Shrub Species for Agroforestry Land-use, Hararghe Highlands, Eastern Ethiopia. *In* Proceedings of IAR/ICRAF National Agroforestry Workshop, Awassa, Ethiopia, November 14-18. pp 51-62.
1. Bishaw, B. 1988. An Afforestation Program in the Legeambo Farmers Producers Cooperatives, Hararghe Highlands, Ethiopia. Mountain research and Development, Vol 8. No 2 and 3.

Books/Book chapters

6. Bishaw, Badege. 2021. Conceptual and Practical Approaches to Integrated Watershed Management and Agroforestry to Address Food Security and Environmental Degradation in Lake Tana and the Blue Nile river Basin, Ethiopia. P. 345-361. In Nile and Grand Ethiopian Renaissance Dam: Past, Present and Future. Edited by Assefa M. Melesse, Wossenu Abteu and Semu A. Moges.
5. Bishaw, B. and MacFarland, K. 2017. Appendix 1 Regional Summary: Northwest. In: T. Patel-Weynand et al. (eds), Agroforestry: Enhancing Resiliency in U.S. Agricultural Landscapes Under Changing Conditions. Gen. Tech. Rep. WO-96 U.S. Department of Agriculture, Forest Service.
4. Bishaw, B and Asfaw, Z. 2010. Hydrological and Related Aspects of Deforestation and Degradation of Woody Vegetation. P. 183-211. in Water Resources Management in Ethiopia: implications for the Blue Nile Basin / edited by Helmut Kloos and Worku Legesse. Amherst, NY 14228.

3. Bishaw, B., Bekele, M. and Refera, A. 2008. Strengthening Wondo Genet College of Forestry in Natural Resource and Biodiversity Education and Research for Capacity building in East Africa. in *New Perspectives in Forestry Education*, Temu, A.B., Chamshama, S.A.O., Kung'u, J., Kaboggoza, J., Chikamai, B. and Kiwia, A. (eds.). Peer reviewed papers presented at the First Global Workshop on Forestry Education, September 2007. ICRAF, Nairobi, Kenya.
2. Bishaw, B and Abdelkadir, A., *Agroforestry and Community Forestry for Rehabilitation of Degraded Watersheds on the Ethiopian Highlands*. Book Chapter, *Combating Famine in Ethiopia*, Edwin Mellen Press.
1. Dix, M.E., Bishaw, B., Workman, S.W., Barnhart, M.R., Kolpfenstein, N. D., and Dix, A.M, 2000. Pest Management in Energy- and labor- intensive Agroforestry Systems. P 131-155. In: *Agroforestry in Sustainable Agricultural systems*. Buck, L.E., Lassoie, J.P. and Fernandes, E.C., Ed.

Non-refereed publications

10. Bishaw, Badege, Shannon Murray, Andy Perleberg, Kate MacFarland, Richard Straight, Frank Lake, Jeremiah R. Pinto, Stephanie Gutierrez, Jocelyn Tutak, and Don Motanic 2022. *Pacific Northwest Agroforestry Workshops: Final Accomplishment Report*, Oregon State University, Corvallis, Oregon 97331.
9. Bishaw, B., 2017. *Report for Partners of the Americas Farmer to Farmer Assignment in Dominican Republic*, July 9-23, 2017, Oregon State University. 19pp.
8. Morre, S. and Bishaw, B. 2007. *Forest Stewardship Principles: A Benton County supplement to NASF's Stewardship Handbook for Family Forests Owners*, College of forestry, Oregon State University.
7. Bishaw, B., Abdelkadir, A, Abate, T., McNamara, M., Wells, G., Reed, M., Asfaw, Z. Gezahgne A., 2005. *Strengthening Institutional Collaboration: Natural Resource Education and Research in Ethiopia*, Final Report, September 2005 USAID, Oregon State University College of Forestry, Corvallis, Oregon
6. Bishaw, B., De Villers, G., Soandi, A., and Rijkenberg, F. 2003. *Strengthening Academic Infrastructure in South Africa*, Final Report, November 2003 USAID. Oregon State University College of Forestry, Corvallis, Oregon
5. Bishaw, B. 1999. *Agroforestry Curriculum Development at the University of Fort Hare and Fort Cox College of Agriculture and Forestry, Eastern Cape, South Africa*. Corvallis, Oregon, USA. 30pp.
4. Bishaw, B. 1995. *Thinning Analysis on the North Zone Stands of the OSU Research Forests*. College of Forestry, Oregon State University. 6p.

3. Bishaw, B. 1995. Developing Agroforestry Research and Demonstration on the OSU Research Forest and Agricultural Lands: Initial Scoping. Department of Forest Science, College of Forestry, Oregon State University. 7p.
2. Bishaw, B. 1995. Directory of Agroforestry Education and Training Institutions in the United States. Department of Forest Science, College of Forestry, Oregon State University. 33 pp.
1. Bishaw, B. and Johnson, D. 1994. Economic Implications of Living Mature Trees at Regeneration Harvest on the OSU Research Forest. College of Forestry, Oregon State University. 12 pp.

2. Presentations

Invited:

10. Bishaw, Badege, 2023. Integrated Watershed Management and Agroforestry to Address Food Security and Environmental Degradation in the Angereb Watershed, the Blue Nile River Basin, Ethiopia. Presented at the University of California, Bren School of Environmental Science and Management. February 27, 2023. Santa Barbara, California.
<https://bren.ucsb.edu/events/integrated-watershed-management-and-agroforestry-address-food-security-and-environmental>
9. Bishaw, Badege 2019. Climate Smart Agriculture and Agroforestry to address Food Security and Climate Change in Gondar, Ethiopia. Presented at 16th North American Agroforestry Conference, June 24-27, 2019. Corvallis, Oregon.
8. Bishaw, Badege 2018. Potential of Agroforestry in the Pacific Northwest: opportunities and Challenges. Horticulture Growers' Short Course, January 25-27, 2018, Lower Mainland Horticultural Improvement Association, British Columbia, Canada.
7. Bishaw, Badege, 2018. Sustainable Natural Resources: Authentic Learning. Presented at the OSU Ecampus Faculty Lunch on, February 15, 2018. Oregon State University.
6. Bishaw, Badege and Kate MacFarland, 2018. A Regional Overview of Agroforestry in the Pacific Northwest. Society of American Foresters National Convention, October 3-7, 2018, Portland, Oregon.
5. Bishaw, Badege, 2018. International Collaboration to Advance Oregon State University's Global impact. OSU150 Land Grant Festival, October 15, 2018, Oregon State University.
4. Bishaw, B. 2015. Introduction to the Pacific Northwest Agroforestry. An Introduction to the Pacific Northwest Agroforestry Practices workshop. Marion Soil and Water Conservation District. Salem, Oregon July 8, 2015.
3. Bishaw, B. 2013. Integrated Watershed Management and Agroforestry to Address Food Security and Climate Change in Gondar, Ethiopia. 1st African Food Security Conference:

Harnessing Ecosystem based Approaches for Food Security and Adaptation to Climate Change, United Nations Environment Program, Nairobi, Kenya, August 20-21.

2. Bishaw, B. 2013. Agroforestry an Integrated Land-Use System to meet Agricultural Production and Environmental Protection in the United States. International Symposium on Agroforestry held at Xitou Nature Education area, the Experimental Forest, National Taiwan University, Taiwan. July 15-19.
1. Bishaw, B. 2013. Integrated Watershed Management and Agroforestry to Improve Livelihoods of Smallholder Farmers in Gondar, Ethiopia. African Studies Lecture Series, May 9, University of Oregon.

Volunteered:

11. Bishaw, B. and David Turner. 2015. Forests and Climate Change Graduate Certificate at Oregon State University – Online. Presented at the 6th Northwest Climate Conference at Coeur d’ Alene, Idaho. November 3-5, 2015.
10. Bishaw, B. and Donna Schmitz. 2014 Riparian Forest buffers on Agricultural Lands in Western Oregon. Agroforestry Workshop, October 21-22, 2014. Corvallis, Oregon.
9. Bishaw, B., Doescher, P.S., Morre, S. and Radosevich, S. 2010. Internationalizing Natural Resources Education through E-Learning: OSU’s Online Master of Natural Resources Degree Program. International Symposium on Forestry Education, Vancouver, Canada May 17-21.
8. Bishaw, B., Doescher, P.S., Morre, S. and Radosevich, S. 2008. Instructional Program for Interdisciplinary Master of Natural Resources Degree, Oregon State University Online. 8th biennial conference on University Education in Natural Resources, Virginia Polytechnic Institute and State University, Blacksburg, Virginia. March 25 -27.
7. Bishaw, B., Bekele, M. and Refera, A. 2007. Strengthening Wondo Genet College of Forestry in Natural Resource and biodiversity Education and Research for Capacity building in East Africa. Global Workshop on Forestry Education September 25-27, Nairobi, Kenya.
6. Bishaw, B. and Zeleke Ayele. 2005. The Role of the Private Sector in forestry in Ethiopia. Proceedings of the International Conference on Contemporary Development Issues in Ethiopia. Addis Ababa, Ethiopia, June 15-17.
5. Bishaw, B. 2004. Strengthening Agroforestry Education and Development in South Africa. 1st World Congress of Agroforestry – Working Together for Sustainable Land-use Systems, 27 June to 02 July, Orlando, Florida, U.S.A.

4. Bishaw, B., Rose, R., Masutha, T., Sonandi, A. and Rijkenberg, F. 2003. Strengthening Agroforestry Education and Development in South Africa. USAID Education Workshop, Partners in Education: looking Back, moving Forward, Together. Mbabane, Swaziland, September 28-October 4.
3. Bishaw, B., Rose, R., Masutha, T., Sonandi, A. and Rijkenberg, F. 2003. Strengthening Academic Infrastructure in Forestry in South Africa. Forum on Forestry and Natural Resources in Africa, February 24 -26, National Conservation Training Center, Shepherdstown, West Virginia.
2. Bishaw, B., et. Al., 2002. Strengthening Academic Infrastructure in Forestry in South Africa Synergy in Development 2002, Annual Meeting of Partners in Higher Education for Development. August 12-14. Washington D.C., U.S.A.
1. Bishaw, B. Buckman, R.E., Brodie, J.D. 1995. Land-use and socio-economic survey to determine options for agroforestry systems at Watershed level. Paper Presented on the Fourth North American Agroforestry Conference, Boise, Idaho, July 24-28,

3. Research Grants/Contracts

Funded

10. Build a Community of Practice for Tribal agroforestry Producers and Youth in the Pacific Northwest. USDA, NIFA, 2.5 million. Stephanie Cowherd (PD), David Diaz (Co-PD), Badege Bishaw (Consultant).
9. Building a Sustainable Bigleaf Maple Sap Industry in Oregon through Landowner awareness, networking, mapping, education and training. \$500,000. Eric Jones (PI), Badege Bishaw (Co-PI).
8. PNW Agroforestry workshop, USDA Forest Service, National Agroforestry Center \$30,000. Bishaw, Badege (Principal Investigator), and Shannon Murray (Co-PI),
7. Developing a new Online Forests and Climate Change Graduate Certificate, College of Forestry, Oregon State University. ECampus grant to develop FCC Graduate Certificate (2013), \$56,716 (CO-PI).
6. Strengthening Institutional Collaboration between the World Agroforestry Center (ICRAF) and Oregon State University (OSU) through Agroforestry Education, Research and Development, 2010, USAID Linkage Funds \$14, 979 (PI).
5. Developing a new Online Master of Natural Resources degree program, College of Forestry, Oregon State University. ECampus grant to develop MNR degree program (2008), \$131,000 (Co-PI).
4. Rural Livelihoods Consortium for Applied Research and Technology Transfer (Proposal Submitted to USAID-ALO) 2005-2007; \$2,350,000 (Co-PI).

3. Strengthening Institutional Collaboration: Natural Resource Education and Research in Ethiopia. Badege Bishaw, Abdu Abdelkadir and Demel Teketay, USAID /ALO funded project. 2003-2004, \$ 125,000 (Co-PI)
2. Institutional Strengthening Through Natural Resource Education Management: Creating a New Paradigm of the Commons, 2001-2004, \$400, 000 (Co-PI)
1. Strengthening Academic Infrastructure in Forestry in South Africa, 1998-2003, \$250,000 (Co-PI).

Non-Funded

8. Agroforestry for Climate Change Adaptation and Mitigation in the Northwest. USDA PNW Climate Change Hub. (\$50,000) (PI).
7. Strengthening Institutional Capacity in Agriculture and Natural Resources Management Training, Research and Extension, with special Emphasis on Ecosystem-Based Management (EBM) Approach (2014), \$15,000 (Co-PI).
6. USAID –Oregon State University International Center for Transformative Environmental Monitoring Programs (iCTEMPs). USAID Higher Education Solutions Network (2012-2017) \$9,929,087 (Co-PI).
5. Building Institutional Capacity in Agriculture and Natural Resources: A collaborative Project of Hawassa University, Ethiopia and Oregon State university, U.S.A. Africa- U.S. higher Education Initiative Planning Grants (2008-09), \$50,000.
4. Institutional Strengthening of Wondo Genet College of Forestry (Debu University Ethiopia) in Natural Resource and Biodiversity Education and Research for Capacity Building in Africa (Proposal submitted to the Ethiopian Government), 2007-20011, budget: \$17,471,818 (Co-PI)
3. Control of Malaria in Africa with Natural Products grown under Agroforestry, and Integrated into Local Economies (Pre-proposal submitted to the Bill & Melinda Gates Foundation and USAID) 2007-2011, (Co-PI).
2. Supporting Sustainable Transformation: Improving Agriculture, Improving Livelihoods, USAID Association Liaison Office for University Cooperation in Development, (2003) \$99,994.
1. Agroforestry in Semi-Arid India for Sustainable Soil Management and Livelihood Security. USAID, Association Liaison Office for University Cooperation in Development, (2003) \$299,702.

V. SERVICE

1. University Service

University Committees

2014 Graduate Program Review Secondary Reviewer - Civil and Construction Engineering – Graduate Program (Graduate School)
2011 to present: Co-Chair – OSU Africa Initiative,
2007 to 2013: Faculty Advisor – African Student Association,
Committee Member, University Community and Diversity

College of Forestry Committees

2010 to 2018, Chair, MNR Administrative committee,
2010 to 2018, Chair MNR Admission Committee
2013 to 2015, 2018, Member, COF, Graduate Advisory Council
2005-2012 – Member, International Program Advisory Committee
2005-2007- Faculty Advisor and Founding member - International Forestry Student Association.

2. Service to the Profession

External Program Review

External Review Team for the University of Idaho, Master of Natural Resources (MNR) online degree program. January 6-8, 2015

Research Proposal and Program Review

USAID/Higher Education for Development, Proposal Review Panel
USDA/National Institute of Food and Agriculture (2018)

Reviewer of Journal Articles

Agroforestry Systems Journal, an International Journal – reviewer
Forest Ecology and Management an International Journal – reviewer
Land Degradation and Development - reviewer
International Journal of Forestry Research – reviewer
International Review of Environmental History – Reviewer
Grass and Forage Science
Renewable Agriculture and Food Systems

Professional Associations/Societies

2020 – Present, President and Cofounder, Ethiopian Environment and Sustainable Development Council (EESDC),
2017 – 2019, President, Association for Temperate Agroforestry in North America.
2017 – 2020, Founding Member, Ethiopian Agroforestry Platform – Think/Do Tank.
2015 – President elect and Board of Director – Association for Temperate Agroforestry.
2013 – 2019 Board of Director – Association for Temperate Agroforestry,
2005 – 2011 Member – National Sustainable Forests Partnership,
2005 - Member, Society of American Foresters
2000 to present: Member, Association for Temperate Agroforestry

2000 - Member, International Society of Tropical Forestry
2003 - Member of the Sigma Xi, The Scientific Association

3. Service to the Public (Professionally Related)

2021- President and Cofounder, Ethiopian Environment and Sustainable Development Council (EESDC), NGO Incorporated in the State of Oregon, USA.
2013 – Present, Chairman, Pacific Northwest Agroforestry Working Group.
2017 Agroforestry Volunteer: Farmers to Farmers organization, Dominican Republic
2005 to 2021, Manager - Watershed Work Group, Corvallis Sister Cities - Gondar
2003- 2010 Board Chairman and Co-Founder, Ethiopian Tree Fund Foundation.

VI. AWARDS AND HONORS

National and International

2021 Outreach and Education Award, Association for Temperate Agroforestry (AFTA).
2018 Certificate of Merit, USDA, National Institute of Food and Agriculture.
2003 Certificate of Recognition USAID Africa Bureau, for promoting Education in Africa.
2004 First Place Award, ALO Moving Images Film Competition Synergy in Development, Association Liaison Office for University cooperation in Development, Washington DC. (Team Award)

University and Community

2005 Dean's Award for Outstanding Achievements International, College of Forestry, Oregon State University.
2004 Faculty Mentoring Award, Office of International Programs, Oregon State University.
2003 OSU International Service Award for Outstanding and Exemplary work in International Development.

References:

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Dr. Robert T. Lackey, Emeritus Professor

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