

CURRICULUM VITAE — Geir Bjarne Asheim

Born 3 October 1953 in Stavanger, Norway

- DEGREES

Doctor of Philosophy Degree in Economics at the University of California, Santa Barbara, 1979. Dissertation: *Renewable Resources and Paradoxical Consumption Behavior*.

Master of Arts Degree in Economics at the University of California, Santa Barbara, 1976.

Lower Degree (*Cand.mag.*, Mathematics & Economics) at the University of Bergen, 1975.

- PRESENT AND FORMER PERMANENT POSITIONS

Professor of economics at the Department of Economics, University of Oslo (1994–). Vice dean – research (2012–15). Amanuensis (assistant professor, 1982–83), førsteamanuensis (associate professor, 1983–91), and professor (1992–93) of economics at the Norwegian School of Economics and Business Administration, Bergen.

- TEMPORARY POSITIONS AND VISITS

Visiting scholar or professor at CIREQ, Université de Montréal (2016–19); IMéRA, Marseille (2017); l'Institut d'études avancées – Paris (2012); University of California, Santa Barbara (2009); Cornell University (2005–06); Stanford University (2001–02 & 1985–86); Harvard University (2000); CES, Universität München (1997 & 1994); Northwestern University (1995); Stockholm University (1994); Humboldt Universität (1993); Universität Bonn (1988).

Shorter stays at Paris School of Economics (2018), Université de Montréal (2005), Waseda University (2005), McGill University (1994 & 1993); CentER, Tilburg University (1991); Haifa University (1989 & 1988).

Senior researcher at the Norwegian research centre for organization and management (1991–92).

- HONORS ETC

The Norwegian Academy of Sciences and Letters (Det Norske Videnskaps-Akademi), elected member, 2014.

Recipient (joint with Martin Dufwenberg) of the *Royal Economic Society Prize* for the best paper published in the *Economic Journal* in 2003.

- JOURNALS

– **Editor for *Social Choice and Welfare*** (2008 –), **Guest editor for special issue in *Scand. J. of Economics*** (2011), **Associate editor for *Scand. J. of Economics*** (2000 – 2011), ***European Economic Review*** (1992 – 1997). **On the editorial council for *J. of Environmental Economics and Management*** (2000 – 2001).

– **Served as referee for the following international journals:** *American Economic Review*, *Econometrica*, *Economic J.*, *Economica*, *Economics Letters*, *European Economic Review*, *Games and Economic Behavior*, *Int. Economic Review*, *Int. J. Game Theory*, *J. of Development Economics*, *J. of Economic Behavior and Organization*, *J. of Economic Literature*, *J. of Economic Theory*, *J. of Economics/Zeitschrift für Nationalökonomie*, *J. of Environmental Economics and Management*, *J. of Public Economics*, *Mathematical Social Sciences*, *Mathematics of Operations Research*, *Oxford Economic Papers*, *Review of Economic Studies*, *Scand. J. of Economics*, *Social Choice and Welfare*, *Theoretical Economics*, and others. Reviewer for *IPCC's 5th AR on climate change*.

- INTERNATIONAL CONFERENCES

– **Organization of and member of program committees for international conferences:**

Co-organizer of the EAERE-FEEM-VIU European Summer School (2018). Co-organizer of the ESOP Workshop on Climate Change and Distribution (2010). Member of program committees for ESEM, econ. theory (2009, 2002, 1999, 1996, 1994), European Economic Assoc. Congress (2011, 2001), Theoretical Aspects of Rationality and Knowledge (2003), Conf. of the Eur. Assoc. of Environm. and Resource Economists (2019, 2018, 2017, 2016, 2015, 2013, 2012, 2011, 2009 [co-chair], 2008, 2007, 1999), World Congress of Env. & Res. Economists (2018, 2010), LOFT9 (2010).

– Presentation of papers at international conferences (invited/plenary/special sessions in bold):

ESEM, 2014, 2009, 2008, 2007, 2006, 2004, 2003, 2002, 2001, 1999, 1998, 1996, 1994, 1993, 1992, 1991, 1989, 1986, 1984, 1983. European Economic Assoc. Congress, 2011, 2008, 2003, 2001, 1999, 1998, 1996, 1993, 1992, 1991, 1990, 1989, 1988. Conf. of the Eur Assoc of Environm. & Resource Economists, 2019, **2015, 2013**, 2012, 2011, 2007, 2005, 2003, 2001, 1999, 1997, 1996, 1993. Econometric Soc World Congress (2015, 2000, 1990, 1980), World Congress of Env. & Res. Economists (2010, 2006, 2002), World Congress of the Game Theory Society (2008, 2004, 2000), Internat Meeting for the Society for Soc Choice & Welfare (2018, 2016, 2012, **2010**, 2008, 2006, 2004, 2000), Ulvön Conf on Env Econ (2018, **2011**, 2007, 2005, 2003, 2001, 2000, 1999, **1997**), SURED (2018, 2016, 2014, 2012, 2010, **2008**, 2004), SAET Conf. (2019, 2018, 2017, 2013, 2011, 2010), FUR (2006, 1997, 1994), Summer Festival on Game Theory, Stony Brook (2009, 1999, 1998, 1997, 1996, 1995, 1994, 1993) Italian Meeting on Game Theory & Appl. (2003, 2001, 1999, 1997, 1991), Econometric Soc North American Summer Meeting (2002, 1998, 1994), Workshop in Sustainability Economics (Kiel **2018**, Camp Reinschlen **2014, 2012, 2008**, Berlin, **2010**), Journées LAGV (2017, 2016), Conf of FAERE (2016, 2015), Tinbergen Institute Conf, Amsterdam (2016, **2014**), Internat Conf on Logic, Game Theory and Social Choice (**2015**, 1999), Conf on Econ Design (**2011**, 2009), Spanish Meeting on Game Theory & Appl (1998, 1996), Osnabrück Seminar on Ind Dec & Soc Choice (**2006, 2003**), Behavioral Welfare Worksh, Berlin (**2017**), ASSET Conf, Alger (2017), Conf on Hartwick's rule, Kingston (**2017**), WCNRM Conference, Barcelona (2017), Worksh on the Ethics of Soc Risk, Montréal (2015), Final Conf of the Franco-Swedish Program for Phil & Econ, Uppsala (**2015**), Conf on Inequality & the Econ Analysis of Climate Change, Duke Univ (**2015**), Worksh on Env Risks, Health Inequalities & Well-being, Marseille (**2014**), New Developments in the Theory of Int Env Agreements, Mannheim (**2014**), Internat Worksh on Nat Res, Env, Internat Trade & Ind Org, St. Petersburg (**2013**), Occasional Calif Worksh on Env & Res Economics, Santa Barbara (**2013**), PET (2013), TIGER Sustainability Conf, Toulouse (**2013**), Hitotsubashi GCOE Conf on Choice, Games & Welfare, Tokyo (**2013**), Agnar Sandmo lecture, Bergen (**2013**), Internat Worksh on Game Theory, Epistemic Logic and related topics, Tsukuba (**2012**), Conf on Intergen Equity & Climate Change, Paris (**2012**), Conf on Fairness & the Welfare State in the Age of Aging, Seoul (**2012**), Worksh on Puzzles in Intergen Justice, Louvain-la-Neuve (**2011**), Worksh on Solution Concepts for Ext Games, Aarhus (2010), Climate Change and Distributive Justice Worksh, Stanford Univ (**2010**), Conf. on Env & Res Econ, Toulouse (**2009**), CBE Conf on Beh Econ, Bellingham (**2009**), Worksh on Voluntary Appr to Env Protection, Santa Barbara (2009), Internat. Conf on Science & Technology for Sustainability, Tokyo (**2008**), Waseda Univ Symp on Choice, Rationality & Intergenerational Equity (**2008**), Internat Meeting of the Econ Science Assoc (2006), Worksh on Intergen Equity in Climate Negotiations, Louvain-la-Neuve (**2006**), Worksh on Intergen Resource Allocation, Montréal (**2006**), Congress of the SSES (2005), IEA Roundtable Meeting on Intergen Equity (**2005**), LOFT (2004), Internat Conf on Sustainable Forest Man (**2004**), Hitotsubashi Univ Symp on Intergen Equity (**2004**), TARK (2003), Davis Conf on Intergen. Justice (**2000**), Internat Economic Assoc World Congress (1999), Topics in Microecon & Game Theory, Copenhagen (**1997**), Stanford Inst of Theoretical Econ (1996), Advances in the Theory of Social Situations, Montréal (**1995**), Internat Conf on Game Theory & Appl, Jerusalem (1995), Canadian Econ Theory Conf, Montréal (1995), Internat Symp on Models of Sustainable Dev, Paris (1994), Columbus Symp. on Games & Econ Beh (1989), European Public Choice Soc Meeting (1988), Western Economic Assoc Conf (1980).

- TEACHING EXPERIENCE

Microeconomics, game theory, behavioral economics, industrial organization, information economics, theory of regulation, economics of natural & environmental resources, capital & growth theory, applied welfare economics.

- PHD-STUDENTS

Karen Hauge (2010), Taoyuan Wei (2009), Carl Andreas Claussen (2003), Ylva Søvik (2002), Mari Rege (2002), Eirik Gaard Kristiansen (1996), Arne Wiig (1996) and Lars Sørøgard (1993).

- BOOKS

Asheim, G.B., *Justifying, Characterizing and Indicating Sustainability*. Springer (2007). [GS: 1700+]

Asheim, G.B., *The Consistent Preferences Approach to Deductive Reasoning in Games*. Springer (2006).

- PUBLICATIONS IN INTERNATIONAL REFEREED JOURNALS [Google Scholar: 4000+; GS h-index: 35]

Asheim, G.B., Fæhn, T., Nyborg, K., Greaker, M., Hagem, C., Harstad, B., Hoel, M.O., Lund, D., and Rosendahl, K.E., "The case for a supply-side climate treaty", *Science* 365, 6451:325–327, 2019.

Asheim, G.B. and Perea, A., "Algorithms for cautious reasoning in games", Memo 10/2017, Department of Economics, University of Oslo. Revised April 2019. Forthcoming in *Int J Game Theory*.

Asheim, G.B., "Sustainable growth", *Soc Choice Welfare* 49, 825–848, 2017.

Asheim, G.B., Voorneveld, M., and Weibull, J., "Epistemically robust strategy subsets", *Games* 7, 37, 2016.

Asheim, G.B., and Nesje, F., "Destructive intergenerational altruism", *J Assoc Env Res Econ* 3, 957–984, 2016.

Asheim, G.B. and Zuber, S., "Evaluating intergenerational risks", *J Math Econ* 65, 104–117, 2016.

Asheim, G.B. and Ekeland, I. "Resource conservation across generations in a Ramsey-Chichilnisky model", *Econ Theory* 61, 611–639, 2016.

Asheim, G.B. and Zuber, S. "Escaping the repugnant conclusion: rank-discounted utilitarianism with variable population", *Theor Econ* 9, 629–650, 2014.

Mitra, T., Asheim, G.B., Buchholz, W., Withagen, C., "Characterizing the sustainability problem in an exhaustible resource model", *J Econ Theory* 148, 2164–2182, 2013.

Asheim, G.B. and Zuber, S. "A complete and strongly anonymous leximin relation on infinite streams", *Soc Choice Welfare* 41, 819–834, 2013.

Asheim, G.B. "A distributional argument for supply-side climate policies", *Env Res Econ* 56, 239–254, 2013.

- Zuber, S. and Asheim, G.B., "Justifying social discounting: the rank-discounted utilitarian approach", *J Econ Theory* **147**, 1572–1601, 2012. [GS: 70+]
- Dietz, S. and Asheim, G.B., "Climate policy under sustainable discounted utilitarianism", *J Env Econ Man* **63**, 321–335, 2012. [GS: 60+]
- Asheim, G.B., Mitra, T., Tungodden, B., "Sustainable recursive social welfare functions", *Econ Theory* **49**, 267–292, 2012. [GS: 70+]
- Asheim, G.B. and Hartwick, J.M., "Anomalies in green national accounting", *Ecol Econ* **70**, 2303–2307, 2011.
- Asheim, G.B., "Comparing the welfare of growing economies", *Rev d'Econ Pol* **121**, 59–72, 2011.
- Asheim, G.B., "Global welfare comparisons", *Can J Econ* **43**, 1412–1432, 2010.
- Asheim, G.B., Emblem, A.W., and Nilssen, T., "Health insurance: Medical treatment vs. disability payment", *Research in Econ* **64**, 137–145, 2010.
- Asheim, G.B., d'Aspremont, C. and Banerjee, K., "Generalized time-invariant overtaking", *J Math Econ* **46**, 519–533, 2010.
- Asheim, G.B., "Intergenerational equity", *Ann Rev Econ* **2**, 197–222, 2010. [GS: 100+]
- Asheim, G.B., "Strategic use of environmental information", *Env Res Econ* **46**, 207–216, 2010.
- Asheim, G.B. and Mitra, T., "Sustainability and discounted utilitarianism in models of economic growth", *Math Soc Sciences* **59**, 148–169, 2010. [GS: 50+]
- Asheim, G.B., Bossert, W., Sprumont, Y., Suzumura, K., "Infinite-horizon choice functions", *Econ Theory* **43**, 1–21, 2010.
- Asheim, G.B. and Banerjee, K., "Fixed-step anonymous overtaking and catching-up", *Int J Econ Theory* **6**, 149–165, 2010.
- Asheim, G.B., Holtmark, B., "Renegotiation-proof climate agreements with full participation: Conditions for Pareto-efficiency", *Env Res Econ* **43**, 519–533, 2009. [GS: 50+]
- Asheim, G.B., Wei, T., "Sectoral income", *Env Res Econ* **42**, 65–87, 2009.
- Asheim, G.B., Yoo, S.H., "Coordinating under incomplete information", *Rev Econ Design* **12**, 293–313, 2008.
- Asheim, G.B., "Paradoxical consumption behavior when economic activity has environmental effects", *J Econ Beh Org* **65**, 529–546, 2008.
- Asheim, G.B., Buchholz, W., Harwick, J.M., Mitra, T., and Withagen, C., "Constant savings rates and quasi-arithmetic population growth under exhaustible resource constraints", *J Env Econ Man* **53**, 213–229, 2007. [GS: 70+]
- Asheim, G.B., "Can NNP be used for welfare comparisons?", *Env Dev Econ* **12**, 11–31, 2007. [GS: 40+]
- Asheim, G.B., Claussen, C.A., and Nilssen, T., "Majority voting leads to unanimity", *Int J Game Theory* **35**, 91–110, 2006.
- Asheim, G.B., Froyn, C.B., Hovi, J. and Menz, F., "Regional versus global cooperation for climate control", *J Env Econ Man* **51**, 93–109, 2006. [GS: 180+]
- Asheim, G.B. and Perea, A., "Sequential and quasi-perfect rationalizability in extensive games", *Games Econ Beh* **53**, 15–42, 2005. [GS: 40+]
- Asheim, G.B. and Søvik, Y., "Preference-based belief operators", *Math Soc Sciences* **50**, 61–82, 2005.
- Asheim, G.B. and Buchholz, W., "A general approach to welfare measurement through national income accounting", *Scand J Econ* **106**, 361–384, 2004. [GS: 50+]
- Asheim, G.B. and Tungodden, B., "Resolving distributional conflicts between generations", *Econ Theory* **24**, 221–230, 2004. [GS: 100+]
- Asheim, G.B., "Green national accounting with a changing population", *Econ Theory* **23**, 601–619, 2004. [GS: 60+]
- Asheim, G.B., Emblem, A.W., and Nilssen, T., "Deductibles in health insurance: Pay or pain?", *Int J Health Care Fin Econ* **3**, 253–266, 2003.
- Asheim, G.B. and Buchholz, W., "The malleability of undiscounted utilitarianism as a criterion of intergenerational justice", *Economica* **70**, 405–422, 2003.
- Withagen, C., Asheim, G.B., and Buchholz, W., "Maximin, discounting, and separating hyperplanes", *Natural Res Modeling* **16**, 213–217, 2003.
- Withagen, C., Asheim, G.B., and Buchholz, W., "On the sustainable path in Solow's model", *Natural Res Modeling* **16**, 219–231, 2003.
- Asheim, G.B. and Dufwenberg, M., "Deductive reasoning in extensive games", *Econ J* **113**, 305–325, 2003.
- Asheim, G.B., Buchholz, W., and Withagen, C., "The Hartwick rule: Myths and facts", *Env Res Econ* **25**, 129–150, 2003. [GS: 120+]
- Asheim, G.B., "Green national accounting for welfare and sustainability: A taxonomy of assumptions and results", *Scottish J Pol Econ* **50**, 113–130, 2003. [GS: 60+]
- Asheim, G.B. and Dufwenberg, M., "Admissibility and common belief", *Games Econ Beh* **42**, 208–234, 2003. [GS: 60+]
- Asheim, G.B., "On the epistemic foundation for backward induction", *Math Soc Sciences* **44**, 121–144, 2002. [GS: 40+]

- Asheim, G.B. and Brekke, K.A., "Sustainability when capital management has stochastic consequences", *Soc Choice Welfare* **19**, 921–940, 2002.
- Asheim, G.B., "Proper rationalizability in lexicographic beliefs", *Int J Game Theory* **30**, 453–478, 2001. [GS: 50+]
- Asheim, G.B. and Weitzman, M.L., "Does NNP growth indicate welfare improvement?", *Econ Letters* **73**, 233–239, 2001. [GS: 160+]
- Asheim, G.B., Buchholz, W., and Tungodden, B., "Justifying sustainability", *J Env Econ Man* **41**, 252–268, 2001. [GS: 180+]
- Asheim, G.B., "Green national accounting: why and how?", *Env Dev Econ* **5**, 25–48, 2000. [GS: 130+]
- Withagen, C. and Asheim, G.B., "Characterizing sustainability: The converse of Hartwick's rule", *J Econ Dyn Control* **23**, 159–165, 1998. [GS: 80+]
- Asheim, G.B., "Individual and collective time-consistency", *Rev Econ Stud* **64**, 427–443, 1997. [GS: 90+]
- Asheim, G.B., "Adjusting Green NNP to measure sustainability", *Scand J Econ* **99**, 355–370, 1997. [GS: 110+]
- Asheim, G.B. and Nilssen, T., "Insurance monopoly and renegotiation", *Econ Theory* **9**, 341–354, 1997.
- Asheim, G.B. and Nilssen, T., "Nondiscriminating renegotiation in a competitive insurance market", *Eur Econ Rev* **40**, 1717–1736, 1996. [GS: 50+]
- Asheim, G.B., "Capital gains and 'net national product' in open economies", *J Publ Econ* **59**, 419–4x34, 1996. [GS: 80+]
- Asheim, G.B., "Net national product as an indicator of sustainability", *Scand J Econ* **96**, 257–265, 1994. [GS: 390+]
- Asheim, G.B., "Contestability in a resource market with non-convex costs", *Scand J Econ* **94**, 609–618, 1992.
- Asheim, G.B., "A unique solution to n -person sequential bargaining", *Games Econ Beh* **4**, 169–181, 1992.
- Asheim, G.B., "Extending renegotiation-proofness to infinite horizon games", *Games Econ Beh* **3**, 278–294, 1991. [GS: 60+]
- Asheim, G.B., "Unjust intergenerational allocations", *J Econ Theory* **54**, 350–371, 1991. [GS: 90+]
- Asheim, G.B. and Strand, J., "Long-term union-firm contracts", *J Econ / Z Nationalökon* **53**, 161–184, 1991.
- Asheim, G.B., "Rawlsian intergenerational justice as a Markov-perfect equilibrium in a resource technology", *Rev Econ Stud* **55**, 469–484, 1988. [GS: 60+]
- Asheim, G.B., "Hartwick's rule in open economies", *Can J Econ* **19**, 395–402, 1986. [GS: 120+]
- Asheim, G.B., "Properties of a system of currency baskets", *J Intern Econ* **16**, 311–317, 1984.
- BOOK CHAPTERS
 - Asheim, G.B. "Equitable intergenerational preferences and sustainability". In *Handbook of Sustainable Development* (G. Atkinson, S. Dietz, E. Neumayer, M. Agarwala, Eds.) 2nd ed., Edward Elgar, 2014.
 - Asheim, G.B. "Hartwick's rule". In *Encyclopedia of Energy, Natural Resource, and Environmental Economics* (J. Shogren, Ed.) Elsevier, 2013.
 - Asheim, G.B., "Discounting while treating generations equally". In *Climate Change and Common Sense: Essays in Honour of Tom Schelling* (R.W. Hahn, A. Ulph, Eds.) Oxford UP, 2012.
 - Asheim, G.B., "The relationship between welfare measures and indicators of sustainable development". In *Handbook of Environmental Accounting* (T. Aronsson, K.-G. Löfgren, Eds.) Edvard Elgar, 2010.
 - Asheim, G.B., "Representation of conditional preferences under uncertainty". In *Advances in Decision Making under Risk and Uncertainty* (M. Abdellaoui, J.D. Hey, Eds.) Springer, 2008.
 - Asheim, G.B., Mitra, T., and Tungodden, B. "A new equity condition for infinite utility streams and the possibility of being Paretian". In *Intergenerational Equity and Sustainability* (J. Roemer, K. Suzumura, Eds.) Palgrave, 2007.
 - Asheim, G.B. and Buchholz, W., "Can stock-specific sustainability constraints be justified?" In *Sustainability, Economics and Natural Resources: Economics of Sustainable Forest Management* (S. Kant, A. Berry, Eds.) Springer, 2005.
- UNPUBLISHED WORKING PAPERS
 - Asheim, G.B., Bossert, W., D'Ambrosio, C. and Vögele, C., "The measurement of resilience", mimeo, University of Oslo, Université de Montréal and University of Luxembourg, September 2019.
 - Asheim, G.B., Kamaga, K. and Zuber, S., "Why guests to Hilbert's Hotel are unwelcome: Strong anonymity and positional dominance", mimeo, University of Oslo, Sophia University and PSE, September 2019.
 - Asheim, G.B., Mitra, T., "Characterizing sustainability in discrete time", mimeo, University of Oslo and Cornell University, February 2019.
 - Asheim, G.B. and Zuber, S., "Rank-discounting as a resolution to a dilemma in population ethics", Memo 07/2018, University of Oslo and PSE, November 2018.
 - Asheim, G.B., Mitra, T., "The necessity of time inconsistency for intergenerational equity", mimeo, University of Oslo and Cornell University, March 2018.
 - Asheim, G.B., "Procrastination, partial naivete, and behavioral welfare analysis", Memo 02/2007, Department of Economics, University of Oslo. Revised August 2008.