References cited by the four papers

Table of contents

# 1. References cited how often in four

## 1.1 Preparation

To extraxt the citations in the text, the following workflowe was used: 1. Extraction of text from pdf using pdftotext 2. Extraction of citations eiother in \[\*\] or (\*) using BBEdit and the Extract command 3. cleaning of the resulting references to obtain a csv

## 1.2 Analysis

### 1.2.1 Evans 2023

cit <- read.csv(  
 "Evans et al. - 2023 - extracted [] - cleaned.csv",  
 header = TRUE  
)  
  
cit <- table(cit) |>  
 as.data.frame()  
  
  
ref <- read.csv(  
 "Evans et al. - 2023 - ref.csv",  
 header = TRUE,  
 row.names = NULL,  
 sep = ",",  
 quote = "|"  
)  
  
cit <- merge(  
 cit,  
 ref,  
 by = "ref",  
 all.x = TRUE  
)  
  
cit <- cit[order(cit$Freq, decreasing = TRUE), ]  
  
write.csv(  
 cit,  
 "Evans et al. - 2023 - citation occurances.csv",  
 row.names = FALSE  
)  
  
knitr::kable(  
 cit,  
 caption = "References cited in Evans et al. 2023"  
)

References cited in Evans et al. 2023

|  | ref | Freq | citation |
| --- | --- | --- | --- |
| 16 | 23 | 9 | G. Feola, Societal transformation in response to global environmental change: Areview of emerging concepts (Available at), Ambio 44 (5) (2015) 376–390, https://doi.org/10.1007/s13280-014-0582-z. |
| 55 | 59 | 9 | J. Patterson, et al., Exploring the governance and politics of transformationstowards sustainability (Available at), Environ. Innov. Soc. Transit. 24 (2017) 1–16,https://doi.org/10.1016/j.eist.2016.09.001. |
| 15 | 22 | 8 | I. Fazey, et al., Transformation in a changing climate: a research agenda (Availableat), Clim. Dev. 10 (3) (2018) 197–217, https://doi.org/10.1080/17565529.2017.1301864. |
| 68 | 72 | 8 | C.J.A.M. Termeer, A. Dewulf, G.R. Biesbroek, Transformational change:governance interventions for climate change adaptation from a continuous changeperspective (Available at), J. Environ. Plan. Manag. 60 (4) (2017) 558–576,https://doi.org/10.1080/09640568.2016.1168288. |
| 3 | 11 | 7 | J. Blythe, Nathan James Bennett, et al., The politics of ocean governancetransformations (Available at), Front. Mar. Sci. 8 (July) (2021), https://doi.org/10.3389/fmars.2021.634718. |
| 49 | 53 | 7 | K. O’Brien, Global environmental change II: From adaptation to deliberatetransformation (Available at), Prog. Hum. Geogr. 36 (5) (2012) 667–676, https://doi.org/10.1177/0309132511425767. |
| 59 | 63 | 7 | T.B. Rudolph, et al., A transition to sustainable ocean governance (Available at),Nat. Commun. 11 (1) (2020) 1–14, https://doi.org/10.1038/s41467-020-17410-2. |
| 19 | 26 | 6 | C. Folke, et al., Resilience thinking: Integrating resilience, adaptability andtransformability (Available at), Ecol. Soc. 15 (4) (2010), https://doi.org/10.5751/ES-03610-150420. |
| 80 | 9 | 6 | J. Blythe, et al., The dark side of transformation: latent risks in contemporarysustainability discourse (Available at), Antipode 50 (5) (2018) 1206–1223, https://doi.org/10.1111/anti.12405. |
| 14 | 21 | 5 | J. Eshuis, L. Gerrits, The limited transformational power of adaptive governance: astudy of institutionalization and materialization of adaptive governance (Availableat), Public Manag. Rev. 23 (2) (2021) 276–296, https://doi.org/10.1080/14719037.2019.1679232. |
| 48 | 52 | 5 | J. Nalau, J. Handmer, When is transformation a viable policy alternative (Availableat), Environ. Sci. Policy 54 (2015) 349–356, https://doi.org/10.1016/j.envsci.2015.07.022. |
| 67 | 71 | 5 | L. Temper, et al., A perspective on radical transformations to sustainability:resistances, movements, alternatives, Sustain. Sci. 13 (2018). |
| 2 | 10 | 4 | J. Blythe, D. Armitage, et al., Conditions and cautions for transforming oceangovernance (Available at), Water Resil. (2021) 241–261, https://doi.org/10.1007/978-3-030-48110-0. |
| 5 | 13 | 4 | U. Brand, Transformation” as a new critical orthodoxy: The strategic use of theterm “transformation” does not prevent multiple crises (Available at), Gaia 25 (1)(2016) 23–27, https://doi.org/10.14512/gaia.25.1.7. |
| 26 | 32 | 4 | R. Gillard, et al., ‘Transformational responses to climate change: Beyond a systemsperspective of social change in mitigation and adaptation’ (Available at), WIREsClim. Change 7 (2) (2016) 251–265, https://doi.org/10.1002/wcc.384. |
| 39 | 44 | 4 | C. Kelly, G. Ellis, W. Flannery, Unravelling persistent problems to transformativemarine governance (Available at), Front. Mar. Sci. 6 (APR) (2019), https://doi.org/10.3389/fmars.2019.00213. |
| 18 | 25 | 3 | Fischer-Kowalski, M. and Rotmans, J. (2019) ‘Conceptualizing, Observing, andInfluencing Social – Ecological Transitions’, 14(2). |
| 31 | 37 | 3 | K. Hölscher, J.M. Wittmayer, D. Loorbach, Transition versus transformation:What’s the difference? (Available at), Environ. Innov. Soc. Transit. 27 (2018) 1–3,https://doi.org/10.1016/j.eist.2017.10.007. |
| 36 | 41 | 3 | J.-B. Jouffray, et al., The blue acceleration: the trajectory of human expansion intothe ocean (Available at), One Earth 2 (1) (2020) 43–54, https://doi.org/10.1016/j.oneear.2019.12.016. |
| 37 | 42 | 3 | R.W. Kates, W.R. Travis, T.J. Wilbanks, Transformational adaptation whenincremental adaptations to climate change are insufficient (Available at), Proc.Natl. Acad. Sci. USA 109 (19) (2012) 7156–7161, https://doi.org/10.1073/pnas.1115521109. |
| 38 | 43 | 3 | C. Kelly, G. Ellis, W. Flannery, Conceptualising change in marine governance:Learning from Transition Management (Available at), Mar. Policy 95 (June) (2018)24–35, https://doi.org/10.1016/j.marpol.2018.06.023. |
| 40 | 45 | 3 | Kok, M. et al. (2022) ‘Enabling Transformative Biodiversity Governance in thePost-2020 Era’, in, pp. 341–360. Available at: https://doi.org/10.1017/9781108856348.017. |
| 54 | 58 | 3 | U. Pascual, et al., Governing for transformative change across the biodiversity –climate – society nexus, BioScience 72 (7) (2022) 684–704. |
| 56 | 6 | 3 | N.J. Bennett, et al., Just transformations to sustainability (Available at),Sustainability 11 (14) (2019) 1–18, https://doi.org/10.3390/su11143881. |
| 6 | 14 | 2 | Bulkeley, H. et al. (2020) Moving towards transformative change for biodiversity:harnessing the potential of the Post-2020 Global Biodiversity Framework, p. 48. |
| 8 | 16 | 2 | B.C. Chaffin, et al., ’Transformative environmental governance (Available at),Annu. Rev. Environ. Resour. 41 (2016) 399–423, https://doi.org/10.1146/annurev-environ-110615-085817. |
| 9 | 17 | 2 | J. Colding, S. Barthel, Exploring the social-ecological systems discourse 20 yearslater (Available at), Ecol. Soc. 24 (1) (2019), 240102, https://doi.org/10.5751/ES10598-240102. |
| 10 | 18 | 2 | D. Davelaar, Transformation for sustainability: a deep leverage points approach(Available at), Sustain. Sci. 16 (3) (2021) 727–747, https://doi.org/10.1007/s11625-020-00872-0. |
| 11 | 19 | 2 | S. Díaz, et al., Pervasive human-driven decline of life on Earth points to the needfor transformative change (Available at), Science 366 (6471) (2019), https://doi.org/10.1126/science.aax3100. |
| 13 | 20 | 2 | B. Erinosho, et al., Transformative governance for ocean biodiversity’, Transform.Biodivers. Gov. (2021) (Available at), 〈https://papers.ssrn.com/abstract=3853886〉. |
| 17 | 24 | 2 | G. Feola, O. Koretskaya, D. Moore, (Un)making in sustainability transformationbeyond capitalism’ (Available at), Glob. Environ. Change 69 (June) (2021),102290, https://doi.org/10.1016/j.gloenvcha.2021.102290. |
| 20 | 27 | 2 | L. Fries, J. Everett, N. Davies, Transformational opportunities for people, ocean andplanet (Available at), Blue Clim. Initiat., Tetiaroa Soc. (2021), https://doi.org/10.5281/zenodo.4540323. |
| 21 | 28 | 2 | F.W. Geels, et al., Sociotechnical transitions for deep decarbonization, Science 357(6357) (2017) 1242–1244. |
| 22 | 29 | 2 | F.W. Geels, J. Schot, Typology of sociotechnical transition pathways (Available at),Res. Policy 36 (3) (2007) 399–417, https://doi.org/10.1016/j.respol.2007.01.003. |
| 24 | 30 | 2 | S. Gelcich, et al., Navigating transformations in governance of Chilean marinecoastal resources (Available at), Proc. Natl. Acad. Sci. USA 107 (39) (2010)16794–16799, https://doi.org/10.1073/pnas.1012021107. |
| 25 | 31 | 2 | L.C. Gerhardinger, et al., Crafting a sustainability transition experiment for thebrazilian blue economy (Available at), Mar. Policy 120 (August) (2020), https://doi.org/10.1016/j.marpol.2020.104157. |
| 28 | 34 | 2 | B. Haas, et al., The future of ocean governance, Rev. Fish. Biol. Fish. (2021),https://doi.org/10.1007/s11160-020-09631-x. |
| 29 | 35 | 2 | D. Hausknost, The environmental state and the glass ceiling of transformation(Available at), Environ. Polit. 29 (1) (2019) 17–37, https://doi.org/10.1080/09644016.2019.1680062. |
| 30 | 36 | 2 | D. Hausknost, M. Hammond, Beyond the environmental state? The politicalprospects of a sustainability transformation (Available at), Environ. Polit. 29 (1)(2020) 1–16, https://doi.org/10.1080/09644016.2020.1686204. |
| 32 | 38 | 2 | M. Hulme, Why We Disagree about Climate Change: Understanding Controversy.Inaction and Opportunity, Cambridge University Press,, 2009. |
| 33 | 39 | 2 | E. Hysing, R. Lidskog, Do conceptual innovations facilitate transformative change?The case of biodiversity governance (Available at), Front. Ecol. Evol. 8 (2021)1–13, https://doi.org/10.3389/fevo.2020.612211. |
| 35 | 40 | 2 | IPBES (2019) ‘Annex I: Glossary of the Global assessment report on biodiversityand ecosystem services of the Intergovernmental Science-Policy Platform onBiodiversity and Ecosystem Services’. Available at: https://doi.org/10.5281/ZENODO.5657079. |
| 41 | 46 | 2 | B.-O. Linnér, V. Wibeck, Sustainability Transformations Across Societies: Agentsand Drivers across Societies, Cambridge University Press,, 2019. |
| 47 | 51 | 2 | M.L. Moore, et al., Studying the complexity of change: Toward an analyticalframework for understanding deliberate social-ecological transformations(Available at), Ecol. Soc. 19 (4) (2014), https://doi.org/10.5751/ES-06966190454. |
| 50 | 54 | 2 | K. O’Brien, Is the 1.5◦ C target possible? Exploring the three spheres oftransformation (Available at), Curr. Opin. Environ. Sustain. 31 (2018) 153–160,https://doi.org/10.1016/j.cosust.2018.04.010. |
| 51 | 55 | 2 | P. Olsson, C. Folke, T. Hahn, Social-ecological transformation for ecosystemmanagement: The development of adaptive co-management of a wetland landscapein southern Sweden (Available at), Ecol. Soc. 9 (4) (2004), https://doi.org/10.5751/ES-00683-090402. |
| 60 | 65 | 2 | I. Scoones, M. Leach, P. Newell, The Politics of Green Transformations, Routledge,,2015. |
| 63 | 68 | 2 | A. Stirling, Emancipating Transformations, in: I. Scoones, M. Leach, P. Newell(Eds.), The Politics of Green Transformations, Routledge, 2015, pp. 54–67. |
| 71 | 76 | 2 | Visseren-Hamakers, I. et al. (2022) ‘How to Save a Million Species? TransformativeGovernance through Prioritization’, in, pp. 67–90. Available at: https://doi.org/10.1017/9781108856348.005. |
| 76 | 80 | 2 | D. Weaver, et al., Pragmatic engagement with the wicked tourism problem ofclimate change through “ soft ” transformative governance, Tourism Management93 (May) (2022), https://doi.org/10.1016/j.tourman.2022.104573. |
| 77 | 81 | 2 | L. Werbeloff, R.R. Brown, D. Loorbach, Pathways of system transformation:Strategic agency to support regime change (Available at), Environ. Sci. Policy 66(2016) 119–128, https://doi.org/10.1016/j.envsci.2016.08.010. |
| 1 | 1 | 1 | D.J. Abson, et al., Leverage points for sustainability transformation (Available at),Ambio 46 (1) (2017) 30–39, https://doi.org/10.1007/s13280-016-0800-y. |
| 4 | 12 | 1 | M. Bogers, et al., The impact of the Sustainable Development Goals on a network of276 international organizations (Available at), Glob. Environ. Change 76 (2022),102567, https://doi.org/10.1016/j.gloenvcha.2022.102567. |
| 7 | 15 | 1 | S. Burch, et al., New directions in earth system governance research (Available at),Earth Syst. Gov. 1 (2019), 100006, https://doi.org/10.1016/j.esg.2019.100006. |
| 12 | 2 | 1 | S. Andrew, L. Armstrong, A. Birney, Governance – the overlooked route totransformation: How can we best organise for change? Forum Future (2021)(Available at), 〈https://www.thefuturescentre.org/governance-the-overlooked-route-to-transformation-how-can-we-best-organise-for-change/〉. |
| 23 | 3 | 1 | M. Andriamahefazafy, et al., Sustainable development goal 14: To what degreehave we achieved the 2020 targets for our oceans? (Available at), Ocean Coast.Manag. 227 (January) (2022), 106273, https://doi.org/10.1016/j.ocecoaman.2022.106273. |
| 27 | 33 | 1 | M. Gopel, The Great Mindshift: How a New Economic Paradigm and SustainabilityTransformations go Hand in Hand, Springer Nature,, 2016, https://doi.org/10.1007/978-3-319-43766-8. |
| 34 | 4 | 1 | D. Armitage, M. Marschke, T. van Tuyen, Early-stage transformation of coastalmarine governance in Vietnam? (Available at), Mar. Policy 35 (5) (2011) 703–711,https://doi.org/10.1016/j.marpol.2011.02.011. |
| 42 | 47 | 1 | B. McAteer, W. Flannery, Power, knowledge and the transformative potential ofmarine community science’ (Available at), Ocean Coast. Manag. 218 (2022),106036, https://doi.org/10.1016/j.ocecoaman.2022.106036. |
| 43 | 48 | 1 | T. McPhearson, et al., Radical changes are needed for transformations to a goodAnthropocene (Available at), npj Urban Sustain. 1 (1) (2021), https://doi.org/10.1038/s42949-021-00017-x. |
| 44 | 49 | 1 | D. Meadows, Thinking in Systems: A Primer, Earthscan,, 2009. |
| 45 | 5 | 1 | F. Avelino, et al., The politics of sustainability transitions (Available at), J. Environ.Policy Plan. 18 (5) (2016) 557–567, https://doi.org/10.1080/1523908X.2016.1216782. |
| 46 | 50 | 1 | D. Meadows, J. Randers, D. Meadows, Limits to Growth: The 30-Year Update.White River Junction, Chelsea Green,, VT, 2004. |
| 52 | 56 | 1 | Open Ended Working Group on the Post 202 Global Biodiversity Framework(2021) ‘First Draft of the Post-2020 Global Biodiversity Framework’. CBD.Available at: https://www.cbd.int/doc/c/abb5/591f/2e46096d3f0330b08ce87a45/wg2020-03-03-en.pdf. |
| 53 | 57 | 1 | S.E. Park, et al., Informing adaptation responses to climate change through theoriesof transformation (Available at), Glob. Environ. Change 22 (1) (2012) 115–126,https://doi.org/10.1016/j.gloenvcha.2011.10.003. |
| 57 | 60 | 1 | M. Pelling, K. O’Brien, D. Matyas, Adaptation and transformation (Available at),Clim. Change 133 (1) (2015) 113–127, https://doi.org/10.1007/s10584-0141303-0. |
| 58 | 62 | 1 | W.S. Rice, M.R. Sowman, M. Bavinck, Using Theory of Change to improve post2020 conservation: A proposed framework and recommendations for use(Available at), Conserv. Sci. Pract. 2 (12) (2020) 1–17, https://doi.org/10.1111/csp2.301. |
| 61 | 66 | 1 | Secretariat of the Convention on Biological Diversity (2020) Global BiodiversityOutlook 5. Montreal. |
| 62 | 67 | 1 | Shove, E. (2010) ‘Social theory and climate change: Questions often, sometimesand not yet asked’, Theory, Culture and Society, 27(2), pp. 277–288. Available at:https://doi.org/10.1177/0263276410361498. |
| 64 | 69 | 1 | T. Stojanovic, K. Gee, ‘Governance as a framework to theorise and evaluate marineplanning’ (Available at), Mar. Policy 120 (2020), 104115, https://doi.org/10.1016/j.marpol.2020.104115. |
| 65 | 7 | 1 | F. Biermann, et al., Transforming governance and institutions for globalsustainability: Key insights from the Earth System Governance Project (Availableat), Curr. Opin. Environ. Sustain. 4 (1) (2012) 51–60, https://doi.org/10.1016/j.cosust.2012.01.014. |
| 66 | 70 | 1 | Swilling, M. et al. (2020) ‘The Ocean Transition: What to Learn from SystemTransitions’, p. 66. |
| 69 | 74 | 1 | United Nations Environment Programme (2021) Making Peace With Nature. |
| 70 | 75 | 1 | J. Virdin, et al., The Ocean 100: Transnational corporations in the ocean economy(Available at), Sci. Adv. 7 (3) (2021) 1–11, https://doi.org/10.1126/sciadv.abc8041. |
| 72 | 77 | 1 | Visseren-Hamakers, I.J. and Kok, M.T.J. (2022) ‘The Urgency ofTransformingBiodiversity Governance’, in I.J. Visseren-Hamakers and M. Kok (eds)Transforming Biodiversity Governance, pp. 3–21. |
| 73 | 78 | 1 | M. Voyer, et al., Shades of blue: what do competing interpretations of the BlueEconomy mean for oceans governance? (Available at), J. Environ. Policy Plan. 20(5) (2018) 595–616, https://doi.org/10.1080/1523908X.2018.1473153. |
| 74 | 79 | 1 | B. Walker, et al., Resilience, adaptability and transformability in social–ecologicalsystems (Available at), Ecol. Soc. 9 (2) (2004), https://doi.org/10.1103/PhysRevLett.95.258101. |
| 75 | 8 | 1 | F. Biermann, et al., Scientific evidence on the political impact of the sustainabledevelopment goals (Available at), Nat. Sustain (2022), https://doi.org/10.1038/s41893-022-00909-5. |
| 78 | 82 | 1 | F. Westley, et al., A theory of transformative agency in linked social-ecologicalsystems (Available at), Ecol. Soc. 18 (3) (2013), https://doi.org/10.5751/ES05072-180327. |
| 79 | 83 | 1 | G. Ziervogel, A. Cowen, J. Ziniades, Moving from adaptive to transformativecapacity: Building foundations for inclusive, thriving, and regenerative urbansettlements (Available at), Sustainability 8 (9) (2016), https://doi.org/10.3390/su8090955. |

### 1.2.2 Fisher 2022

cit <- read.csv(  
 "Fisher et al. - 2022 - extracted [] - cleaned.csv",  
 header = TRUE  
)  
  
cit <- table(cit["ref"]) |>  
 as.data.frame()  
  
ref <- read.csv(  
 "Fisher et al. - 2022 - ref.csv",  
 header = TRUE,  
 row.names = NULL,  
 sep = ",",  
 quote = "|"  
)  
  
cit <- merge(  
 cit,  
 ref,  
 by = "ref",  
 all.x = TRUE  
)  
  
cit <- cit[order(cit$Freq, decreasing = TRUE),]  
  
write.csv(  
 cit,  
 "Fisher et al. - 2022- citation occurances.csv",  
 row.names = FALSE  
)  
  
knitr::kable(  
 cit,  
 caption = "References cited in Fisher et al. 2022"  
)

References cited in Fisher et al. 2022

|  | ref | Freq | citation |
| --- | --- | --- | --- |
| 21 | 21 | 8 | Scoones I, Stirling A, Abrol D, Atela J, Charli-Joseph L, Eakin H, Ely A, Olsson P, Pereira L, Priya R et al.: Transformations tosustainability: combining structural, systemic and enablingapproaches. Curr Opin Environ Sustain 2020, 42:65-75The article outlines different conceptualizations of transformation, andpresents a set of practical principles for effective research and actiontoward sustainability. Argues that three considerations are critical foreffective transformations to sustainability: diverse knowledges, pluralpathways and the political nature of transformation. |
| 16 | 16 | 7 | Geels FW: Socio-technical transitions to sustainability: a review of criticisms and elaborations of the multi-levelperspective. Curr Opin Environ Sustain 2019, 8:187-201Article discusses the socio-technical transition literature, particularly theMulti-Level Perspective, which investigates the fundamental changes in(energy, transport, housing, agro-food) systems that are needed toaddress persistent sustainability problems. |
| 64 | 67 | 5 | Bastiaensen J, Huybrechs F, Merlet P, Romero M, Van Hecken G: Fostering bottom-up actor coalitions for transformingcomplex rural territorial pathways. Curr Opin Environ Sustain2021, 49:42-49Presents a perspective on rural transformations to sustainability based onthe TRUEPATH action-research project based on a territorial pathwayframework. Focused on Nicaragua. |
| 73 | 76 | 5 | Beck S, Jasanoff S, Stirling A, Polzin C: The governance of sociotechnical transformations to sustainability. Curr OpinEnviron Sustain 2021, 49:143-152Presents a sociotechnical imaginaries (STI) framework that exposeneglected governance issues and facilitate a focus on sociotechnicalareas of relevance to sustainability transformations, helping to illustratetheir multi-dimensionality and temporality. |
| 53 | 56 | 4 | Leach M, MacGregor H, Scoones I, Wilkinson A: Post-pandemic transformations: how and why COVID-19 requires us torethink development. World Dev 2021, 138:105233Article explores the implications of the COVID-19 for development studies, arguing that post-COVID-19 development must have a radicallytransformative, egalitarian and inclusive knowledge and politics at itscore. |
| 70 | 73 | 4 | Fisher E, Luning S, D’Angelo L, Araujo CH, Arnaldi de Balme L, Calvimontes J, van de Camp E, da Costa Ferreira L, Lanzano C,Massaro L et al.: Transforming matters: sustaining goldwww.sciencedirect.com |
| 71 | 74 | 4 | Franco Gavonel M, Adger WN, Safra de Campos R, Boyd E, Carr ER, Fábos A, Fransen S, Jolivet D, Zickgraf C, Codjoe SNet al.: The migration-sustainability paradox: transformations inmobile worlds. Curr Opin Environ Sustain 2021, 49:98-109Presents a framework for addressing migration-sustainability linkagesbased on environmental, social, and economic dimensions of sustainability, highlighting dimensions of migration related to identity and socialtransformation. |
| 74 | 77 | 4 | Porto de Albuquerque J, Anderson L, Calvillo N, Coaffee J, Cunha MA, Degrossi LC, Dolif G, Horita F, Klonner C, Lima-Silva Fet al.: The role of data in transformations to sustainability: acritical research agenda. Curr Opin Environ Sustain 2021,49:153-163Investigates the role of digital technologies and data innovations, such asbig data and citizen-generated data, to enable transformations tosustainability. |
| 9 | 9 | 3 | McPhearson T, Raymond CM, Gulsrud N, Albert C, Coles N,Fagerholm N, Nagatsu M, Olafsson AS, Soininen N, Vierikko K:Radical changes are needed for transformations to a goodAnthropocene. npj Urban Sustain 2021, 1Article presents five key principles requiring fundamental cognitive,behavioral, and cultural shifts within transformation processes, includingrethinking growth, rethinking efficiency, rethinking the state, rethinkingthe commons, and rethinking justice needed together to radically transform neighborhoods, cities, and regions. |
| 17 | 17 | 3 | Köhler J, Geels FW, Kern F, Markard J, Onsongo E, Wieczorek A,Alkemade F, Avelino F, Bergek A, Boons F et al.: An agenda forsustainability transitions research: state of the art and futuredirections. Environ Innov Soc Transit 2019, 31:1-32Article provides an insightful review of sustainability transitions research. |
| 30 | 33 | 3 | Olsson P, Galaz V, Boonstra WJ: Sustainability transformations:a resilience perspective. Ecol Soc 2014, 19. |
| 61 | 64 | 3 | NA |
| 68 | 71 | 3 | Zwarteveen M, Kuper M, Olmos-Herrera C, Dajani M, Kemerink Seyoum J, Frances C, Beckett L, Lu F, Kulkarni S, Kulkarni H et al.:Transformations to groundwater sustainability: fromindividuals and pumps to communities and aquifers. Curr OpinEnviron Sustain 2021, 49:88-97Takes an anti-colonial and feminist approach to normatively assess andlearn from the knowledge, technologies and institutions that characterizegroundwater initiatives. In so doing seeks to ground possibilities fortransformations to sustainability within collective action. |
| 69 | 72 | 3 | Mehta L, Srivastava S, Movik S, Adam HN, D’Souza R, Parthasarathy D, Naess LO, Ohte N: Transformation as praxis:responding to climate change uncertainties in marginalenvironments in South Asia. Curr Opin Environ Sustain 2021,49:110-117Proposes the notion of transformation as praxis, exploring how agencycan be recovered by marginalized people as a basis for assembling andeffecting systemic transformative change at grassroots level by hybridand transformative alliances. |
| 72 | 75 | 3 | Eppinger E, Jain A, Vimalnath P, Gurtoo A, Tietze F, Hernandez Chea R: Sustainability transitions in manufacturing: the role ofintellectual property. Curr Opin Environ Sustain 2021, 49:118-126Focuses on the potential intellectual property rights (IPR) can play inunlocking sustainable innovation, supporting organisations to movetowards sustainability within wider processes of transition. |
| 12 | 12 | 2 | Yearley S: Political, ethical, and societal aspects of issuingwarnings to humanity. Ecocene Cappadocia J Environ Humanit2020, 1:19-25. |
| 14 | 14 | 2 | Blythe J, Silver J, Evans L, Armitage D, Bennett NJ, Moore M-L, Morrison TH, Brown K: The dark side of transformation: latentrisks in contemporary sustainability discourse. Antipode 2018,50:1206-1223 |
| 15 | 15 | 2 | Feola G: Societal transformation in response to globalenvironmental change: a review of emerging concepts. Ambio2015, 44:376-390. |
| 20 | 20 | 2 | Loorbach D, Frantzeskaki N, Avelino F: Sustainability transitionsresearch: transforming science and practice for societalchange. Annu Rev Environ Resour 2017, 42:599-626. |
| 25 | 28 | 2 | Ostrom E: A general framework for analysing sustainability ofsocial-ecological systems. Science (80-) 2009, 325:419-422. |
| 34 | 37 | 2 | Virtanen PK, Siragusa L, Guttorm H: Editorial overview:indigenous conceptualizations of ‘sustainability.’. Curr OpinEnviron Sustain 2020, 43:A1-A2. |
| 40 | 43 | 2 | Sovacool BK, Hook A, Martiskainen M, Brock A, Turnheim B: Thedecarbonisation divide: contextualizing landscapes of lowcarbon exploitation and toxicity in Africa. Glob Environ Change2020, 68:1-19. |
| 42 | 45 | 2 | Swilling M: The Age of Sustainability: Just Transitions in a Complex World. Routledge; 2020Book explores how to make sense of global environmental crisis and thedynamics of transition exploring whether and how it is possible to movetowards a more sustainable and equitable epoch. |
| 50 | 53 | 2 | Ely A, Marin A, Charli-Joseph L, Abrol Dinesh, Apgar M, Atela J,Ayre B, Byrne R, Choudhary BK, Chengo V et al.: Structuredcollaboration across a transformative knowledge networklearning across disciplines, cultures and contexts?Sustainability 2020, 12. |
| 51 | 54 | 2 | Charli-Joseph L, Siqueiros-Garcia JM, Eakin H, ManuelNavarrete D, Shelton R: Promoting agency for social-ecologicaltransformation: a transformation-lab in the Xochimilco socialecological system. Ecol Soc 2018, 23. |
| 54 | 57 | 2 | Pelling M, O’Brien K, Matyas D: Adaptation and transformation.Clim Change 2015, 133:113-117.58. Pelling M: Adaptation to Climate Change: From Resilience toTransformation. Routledge; 2010. |
| 55 | 58 | 2 | NA |
| 60 | 63 | 2 | Blaser M, De la Cadena M: Pluriverse: proposals for a world ofmany worlds. In A World of Many Worlds. Edited by De la CadenaM, Blaser M. Duke University Press; 2018:1-22.64. Escobar A: Pluriversal Politics: The Real and the Possible. DukeUniversity Press; 2020Book explores the potential for radically alternative visions of the future toemerge to address the need for profound societal transformation in theface of planetary crisis. |
| 62 | 65 | 2 | Temper L, Walter M, Rodriguez I, Kothari A, Turhan E: Aperspective on radical transformations to sustainability:resistances, movements and alternatives. Sustain Sci 2018,13:747-764. |
| 66 | 69 | 2 | Brondizio ES, Andersson K, de Castro F, Futemma C, Salk C, Tengö M, Londres M, Tourne DC, Gonzalez TS, Molina-Garzón Aet al.: Making place-based sustainability initiatives visible inthe Brazilian Amazon. Curr Opin Environ Sustain 2021, 49:66-78Reviews the history of development interventions influencing the emergence of ‘place-based initiatives’ and potential to promote change inproduction, governance, and market-access in order to improve livingstandards and environmental sustainability. |
| 67 | 70 | 2 | Massarella K, Nygren A, Fletcher R, Büscher B, Kiwango WA, Komi S, Krauss JE, Mabele MB, McInturff A, Sandroni LT et al.:Transformation beyond conservation: how critical socialscience can contribute to a radical new agenda in biodiversityconservation. Curr Opin Environ Sustain 2021, 49:79-87Focuses on conservation to outline the role of social scientific enquiry infacilitating the framing of debates on transformative change in conservation with respect to the politicisation and pluralisation of knowledge andaction, helping to facilitate the identification of transformativealternatives. |
| 1 | 1 | 1 | Ripple WJ, Wolf C, Newsome TM, Barnard P, Moomaw WR: Worldscientists’ warning of a climate emergency. Bioscience 2020,70:8-12. |
| 2 | 2 | 1 | Coninck H, Revi A, Babiker M, Bertoldi P, Buckeridge M,Cartwright A, Dong W, Ford J, Fuss S, Hourcade J-C et al.:Chapter 4 - strengthening and implementing the globalresponse. In Global Warming of 1.5 C. In Global Warming of1.5 c. An IPCC Special Report on the Impacts of Global Warmingof 1.5 C above Pre-industrial Levels and Related GlobalGreenhouse Gas Emission Pathways, in the Context ofStrengthening the Global Response to the Threat of ClimateChange. Edited by Masson Delmotte V, Zhai P, Pörtner H-O,Roberts D, Skea J, Shukla PR, Pirani A, Moufouma-Okia W, PéanC, Pidcock R.et al.: 2018:313-443. |
| 3 | 3 | 1 | IPCC: Climate Change 2014 Part A: Global and Sectoral Aspects.2014. |
| 4 | 4 | 1 | IPCC: Global Warming of 1.5 C. An Inter-governmental Panel onClimate Change Special Report on the Impacts of Global Warmingof 1.5 c above Pre-industrial Levels and Related GlobalGreenhouse Gas Emission Pathways, in the Context ofStrengthening the Global Resp. 2018. |
| 5 | 5 | 1 | Brondizio ES, Settele J, Dı́az S, Ngo HT: Global AssessmentReport on Biodiversity and Ecosystem Services of theIntergovernmental Science-policy Platform on Biodiversity andEcosystem Services. 2019. |
| 6 | 6 | 1 | United Nations: Transforming Our World: The 2030 Agenda forSustainable Development. 2015. |
| 7 | 7 | 1 | Braidotti R: “We” may be in this together but we are not allhuman and we are not one and the same. Ecocene CappadociaJ Environ Humanit 2020, 1:26-31Article reflects on the ‘post-human convergence’ between critiques ofhumanism and rejection of anthropocentrism, which Braidotti characterises as an encounter fraught with painful contradictions and challenging problems. |
| 8 | 8 | 1 | Bennett NJ, Blythe J, Cisneros-Montemayor AM, Singh GG,Sumaila UR: Just transformations to sustainability.Sustainability 2019, 11Article highlights the need to encompass social justice considerations inrelation to sustainability. The authors’ present a framing of just transitionsthat includes different equity dimensions. |
| 10 | 10 | 1 | Newell P, Srivastava S, Naess LO, Torres Contreras GA, Price R:Toward transformative climate justice: an emerging researchagenda. WIREs Clim Change 2021:1-17 http://dx.doi.org/10.1002/wcc.733The article reviews climate justice literature and proposes a researchagenda based on a transformative approach to climate justice. |
| 11 | 11 | 1 | Bai X, van der Leeuw S, O’Brien K, Berkhout F, Biermann F,Brondizio ES, Cudennec C, Dearing J, Duraiappah A, Glaser Met al.: Plausible and desirable futures in the Anthropocene: anew research agenda. Glob Environ Change 2016, 39:351362.www.sciencedirect.com |
| 13 | 13 | 1 | Heise UK: Introduction: planet, species, justice - and thestories we tell about them. In Routledge Companion to theEnvironmental Humanities. Edited by Heise UK, Christiensen J,Niemann M. Routledge; 2017:1-10. |
| 18 | 18 | 1 | Ollivier G, Magda D, Mazé A, Plumecocq G, Lamine C:Agroecological transitions: what can sustainability transitionframeworks teach us? An ontological and empirical analysis.Ecol Soc 2018, 23. |
| 19 | 19 | 1 | Patterson J, Schulz K, Vervoort J, Adler C, Hurlbert M, van derHel S, Schmidt A, Barau A, Obani P, Sethi M et al.:“Transformations towards sustainability” Emergingapproaches, critical reflections, and a research agenda. EarthSystem Governance Working Paper No. 33. Lund and Amsterdam:Earth System Governance Project; 2015. |
| 22 | 22 | 1 | Hölscher K, Wittmayer JM, Loorbach D: Transition versustransformation: what’s the difference? Environ Innov SocTransit 2018, 27:1-3Article provides a constructive discussion on terminological differences. |
| 23 | 23 | 1 | Holling CS: Resilience and stability of ecological systems. AnnuRev Ecol Syst 1973, 4:1-23.24. Rockstrom J: A safe operating space for humanity. Nature 2009,461. |
| 24 | 27 | 1 | Duit A, Galaz V, Eckerberg K, Ebbesson J: Governance,complexity, and resilience. Glob Environ Change 2010, 20:363368. |
| 26 | 29 | 1 | Ostrom E: The Evolution of Norms, Rules, and Rights. Paperprepared for presentation at the workshop on “Property Rights andthe Performance of Natural Resource Systems”. Beijer Institute,The Royal Swedish Academy of Science; 1993. September 2-4. |
| 27 | 30 | 1 | Ostrom E: Governing the Commons: the Evolution of Institutionsfor Collective Action. Cambridge University Press; 1990. 1990. |
| 28 | 31 | 1 | Folke C, Carpenter SR, Walker B, Scheffer M, Chapin T,Rockstrom J: Resilience thinking: integrating resilience,adaptability and transformabilit. Ecol Soc 2010, 15. |
| 29 | 32 | 1 | Walker B, Holling CS, Carpenter SR, Kinzig A: Resilience,adaptability and transformability in social-ecological systems.Ecol Soc 2004, 9. |
| 31 | 34 | 1 | Miller F, Osbahr H, Boyd E, Thomalla F, Bharwani S, Ziervogel G,Walker B, Birkmann J, Van der Leeuw S, Rockström J et al.:Resilience and vulnerability: complementary or conflictingconcepts? Ecol Soc 2010, 15. |
| 32 | 35 | 1 | Dornelles AZ, Boyd E, Nunes RJ, Asquith M, Boonstra WJ,Delabre I, Michael Denney J, Grimm V, Jentsch A, Nicholas KAet al.: Towards a bridging concept for undesirable resilience insocial-ecological systems. Glob Sustain 2020, 3. |
| 33 | 36 | 1 | Eriksson H, Blythe JL, Österblom H, Olsson P: Beyond socialecological traps: fostering transformations towardssustainability. Ecol Soc 2021, 26Introduces a special feature exploring social-ecological traps and pathways for disrupting these traps. |
| 35 | 38 | 1 | Charli-Joseph L, Siqueiros-Garcia JM, Eakin H, Manuel Navarrete D, Shelton R: Promoting agency for social-ecologicaltransformation: a transformation-lab in the Xochimilco socialecological system. Ecol Soc 2018, 46:1-5 http://dx.doi.org/10.5751/ES-10214-230246An insightful case study demonstrating application of the transformationlab approach. |
| 36 | 39 | 1 | Pathways Network: Transformative Pathways to Sustainability: Learning Across Disciplines, Cultures and Contexts. Routledge;2021Book presents a set of innovative experiments from around that worldthat offer an insight into transformations to sustainability, based onresearch exploring sustainability challenges in local or national contexts. |
| 37 | 40 | 1 | Herrfahrdt-Pähle E, Schlüter M, Olsson P, Folke C, Gelcich S, Pahl-Wostl C: Sustainability transformations: socio-politicalshocks as opportunities for governance transitions. GlobEnviron Change 2020, 63:102097Article analyses scope for rapid, large-scale socio-political change inways that open up possibilities for transformative change of naturalresource governance, unpacking how different dimensions of changeinteract. Illustrated with examples of water governance in Chile, SouthAfrica, and Uzbekistan. |
| 38 | 41 | 1 | Grin J, Rotmans J, Schot J, in collaboration with Geels, F. andLoorbach D: Transitions to Sustainable Development: NewDirections in the Study of Long Term Transformative Change.Routledge; 2010. |
| 39 | 42 | 1 | Feola G: Capitalism in sustainability transitions research: timefor a critical turn? Environ Innov Soc Transit 2020, 35:241-250. |
| 41 | 44 | 1 | Sovacool BK: When subterranean slavery supportssustainability transitions? Power, patriarchy, and child labor inCurrent Opinion in Environmental Sustainability 2022, 55:101160 |
| 43 | 46 | 1 | Elmqvist T, Siri J, Andersson E, Anderson P, Bai X, Das PK,Gatere T, Gonzalez A, Goodness J, Handel SN et al.: Urbantinkering. Sustain Sci 2018, 13:1549-1564. |
| 44 | 47 | 1 | Elmqvist T, Andersson E, Frantzeskaki N, McPhearson T, Olsson P, Gaffney O, Takeuchi K, Folke C: Sustainability andresilience for transformation in the urban century. Nat Sustain2019, 2:267-273Proposes a framework for addressing urban transformation. |
| 45 | 48 | 1 | Patterson J, Schulz K, Vervoort J, van der Hel S, Widerberg O,Adler C, Hurlbert M, Anderton K, Sethi M, Barau A: Exploring thegovernance and politics of transformations towardssustainability. Environ Innov Soc Transit 2017, 24:1-16. |
| 46 | 49 | 1 | Scoones I, Leach M, Newell P (Eds): The Politics of GreenTransformations. Routledge; 2015. |
| 47 | 50 | 1 | Scoones I: The politics of sustainability and development. AnnuRev Environ Resour 2016, 41:293-319. |
| 48 | 51 | 1 | Leach M, Scoones I, Stirling A: Dynamic Sustainabilities:Technology, Environment, Social Justice. Earthscan; 2010. |
| 49 | 52 | 1 | Pereira, Laura M, Karpouzoglou T, Frantzeskaki N, Olsson P:Designing transformative spaces for sustainability in socialecological systems. Ecol Soc 2018, 23:32. |
| 52 | 55 | 1 | OECD: World Social Science Report 2013: Changing GlobalEnvironments Between Social and Planetary Boundaries:Navigating Pathways in the Safe and Just Space for Humanity.2013. |
| 56 | 59 | 1 | O’Brien K: Is the 1.5 C target possible? Exploring the threespheres of transformation. Curr Opin Environ Sustain 2018,31:153-160Article conceptualises three interacting spheres of transformation: thepractical, political, and personal, exploring how they can be used toidentify leverage points for transformations. |
| 57 | 60 | 1 | O’Brien K: Global environmental change II: from adaptation todeliberate transformation. Prog Hum Geogr 2012, 36:667-676http://dx.doi.org/10.1177/0309132511425767. |
| 58 | 61 | 1 | Eriksen SH, Nightingale AJ, Eakin H: Reframing adaptation: thepolitical nature of climate change adaptation. Glob EnvironChange 2015, 35:523-533. |
| 59 | 62 | 1 | Eriksen S, Schipper ELF, Scoville-Simonds M, Vincent K, Adam HN, Brooks N, Harding B, Khatri D, Lenaerts L, Liverman Det al.: Adaptation interventions and their effect on vulnerabilityin developing countries: help, hindrance or irrelevance? WorldDev 2021, 141:105383Current Opinion in Environmental Sustainability 2022, 55:101160 |
| 63 | 66 | 1 | Ashish K, Salleh A, Escobar A, Demoria F, Acosta A: Pluriverse: APostdevelopment Dictionary. Tulika Books; 2019. |
| 65 | 68 | 1 | van Leeuwen M, Ansoms A, Mushagalusa Mudinga E, Nyenyezi Bisoka A, Niyonkuru RC, Shaw J, van der Haar G: Promoting landtenure security for sustainable peace — lessons on the politicsof transformation. Curr Opin Environ Sustain 2021, 49:57-65Examines on land registration in conflict-affected settings to explore thepolitics of transformation, with a focus on Burundi and the DemocraticRepublic of Congo. |
| 75 | 78 | 1 | Fisher E, Bavinck M, Amsalu A: Transforming asymmetricalconflicts over natural resources in the Global South. Ecol Soc2018, 23. |
| 76 | 79 | 1 | Merton RK: On Theoretical Sociology - Five Essays, Old and New.New York: The Free Press; 1967. [1949]. |
| 77 | 80 | 1 | de la Cadena M: Earth Beings: Ecologies of Practice acrossAndean Worlds. Duke University Press; 2015. |
| 78 | 81 | 1 | Temper L, Del Bene D: Transforming knowledge creation forenvironmental and epistemic justice. Curr Opin Environ Sustain2016, 20:41-49 http://dx.doi.org/10.1016/j.cosust.2016.05.004. |
| 79 | 82 | 1 | Hartman S, Oppermann S: Seeds of transformative change.Ecocene Cappadocia J Environ Humanit 2020, 1:1-18. |
| 80 | 83 | 1 | Lahsen M, Turnhout E: How norms, needs, and power in scienceobstruct transformations towards sustainability. Environ ResLett 2021, 16. |
| 81 | 84 | 1 | Moser SC: Can science on transformation transform science?Lessons from co-design. Curr Opin Environ Sustain 2016,20:106-115. |
| 82 | 85 | 1 | Norström AV, Cvitanovic C, Löf MF, West S, Wyborn C,Balvanera P, Bednarek AT, Bennett EM, Biggs R, de Bremond Aet al.: Principles for knowledge co-production in sustainabilityresearch. Nat Sustain 2020, 3:182-190. |

### 1.2.3 Loorbach 2017

cit <- read.csv(  
 "Loorbach et al. - 2017 - extracted () - cleaned.csv",  
 header = TRUE  
)  
  
cit <- table(cit["ref"]) |>  
 as.data.frame()  
  
ref <- read.csv(  
 "Loorbach et al. - 2017 - ref.csv",  
 header = TRUE,  
 row.names = NULL,  
 sep = ",",  
 quote = "|"  
)  
  
cit <- merge(  
 cit,  
 ref,  
 by = "ref",  
 all.x = TRUE  
)  
  
cit <- cit[order(cit$Freq, decreasing = TRUE),]  
  
write.csv(  
 cit,  
 "Loorbach et al. - 2017- citation occurances.csv",  
 row.names = FALSE  
)  
  
knitr::kable(  
 cit,  
 caption = "References cited in Loorbach et al. 2017"  
)

References cited in Loorbach et al. 2017

|  | ref | Freq | citation |
| --- | --- | --- | --- |
| 132 | 73 | 5 | Frantzeskaki N, Castán Broto V, Coenen L, Loorbach D, eds. 2017. Urban Sustainability Transitions. London: Routledge |
| 83 | 25 | 4 | Avelino F, Wittmayer JM. 2016. Shifting power relations in sustainability transitions: a multi-actor perspective. J. Environ. Policy Plann. 18:628–49 |
| 112 | 52 | 4 | van Raak R. 2016. Transition policies: Connecting system dynamics, governance and instruments in an application to Dutch healthcare. PhD thesis, Erasmus Univ., Rotterdam, Neth. https://repub.eur.nl/pub/80061/ |
| 17 | 115 | 3 | Raven R, Van den Bosch S, Weterings R. Transitions and strategic niche management: towards a competence kit for practitioners. Int. J. Technol. Manag. 51.1:57–74 |
| 32 | 13 | 3 | Rip A, Kemp R. 1998. Technological change. In Human Choice and Climate Change, Vol. 2, ed. S Rayner, EL Malone, pp. 327–99. Columbus, Ohio: Battelle Press |
| 61 | 158 | 3 | Lang DJ, Wiek A, Bergmann M, Stauffacher M, Martens P, et al. 2012. Transdisciplinary research in sustainability science: practice, principles, and challenges. Sustain. Sci. 7:25–43 |
| 84 | 26 | 3 | Grin J, Rotmans J, Schot J. 2011. On patterns and agency in transition dynamics: some key insights from the KSI programme. Environ. Innov. Soc. Transit. 1:76–81 |
| 88 | 3 | 3 | Rotmans J, Kemp R, van Asselt M. 2001. More evolution than revolution: transition management in public policy. Foresight 3:15–31 |
| 97 | 39 | 3 | Turnheim B, Berkhout F, Geels F, Hof A, McMeekin A, et al. 2015. Evaluating sustainability transitions pathways: bridging analytical approaches to address governance challenges. Glob. Environ. Change 35:239–53 |
| 98 | 4 | 3 | Grin J, Rotmans J, Schot J, (collaboration with) Geels FW, Loorbach D, eds. 2010. Transitions to Sustainable Development: New Directions in the Study of Long Term Transformative Change. New York: Routledge |
| 99 | 40 | 3 | Geels FW, Schot J. 2007. Typology of sociotechnical transition pathways. Res. Policy 36:399–417 |
| 109 | 5 | 3 | Markard J, Raven R, Truffer B. 2012. Sustainability transitions: an emerging field of research and its prospects. Res. Policy 41:955–67 |
| 120 | 62 | 3 | Fuenfschilling L, Truffer B. 2014. The structuration of socio-technical regimes—conceptual foundations from institutional theory. Res. Policy 43:772–91 |
| 133 | 74 | 3 | Jhagroe S, Loorbach D. 2015. See no evil, hear no evil: the democratic potential of transition management. Environ. Innov. Soc. Transit. 15:65–83 |
| 1 | 1 | 2 | Sovacool BK. 2016. How long will it take? Conceptualizing the temporal dynamics of energy transitions. Energy Res. Soc. Sci. 13:202–15 |
| 11 | 11 | 2 | Kemp R. 1994. Technology and the transition to environmental sustainability. The problem of technological regime shifts. Futures 26:1023–46 |
| 51 | 148 | 2 | Hoogma R, Kemp R, Schot J, Truffer B. 2004. Experimenting for sustainable transport: the approach of strategic niche management. Technol. Anal. Strat. Manag. 16(4):561–66 |
| 54 | 151 | 2 | Kemp R, Rip A, Schot J. 2001. Constructing transition paths through the management of niches. In Path Dependence and Creation, ed. R Garud, P Karnoe, pp. 269–99. Mahwa, NJ: Lawrence Erlbaum |
| 64 | 161 | 2 | Miller TR, Wiek A, Sarewitz D, Robinson J, Olsson L, et al. 2014. The future of sustainability science: a solutions-oriented research agenda. Sustainability Sci. 9:239–46 |
| 70 | 167 | 2 | Loorbach D, Frantzeskaki N, Thissen W. 2011. A transition research perspective on governance for sustainability. In European Research on Sustainable Development, ed. C Jaeger, JD Tábara, J Jaeger, pp. 73– 89. Berlin, Heidelberg: Springer |
| 81 | 23 | 2 | Loorbach DA, Lijnis Huffenreuter R. 2013. Exploring the economic crisis from a transition management perspective. Environ. Innov. Soc. Transit. 6:35–46 |
| 85 | 27 | 2 | Paredis E. 2013. A Winding Road: Transition Management, Policy Change and the Search for Sustainable Development. Ghent, Belg.: Ghent Univ. |
| 92 | 33 | 2 | VROM. 2001. Where There’s a Will There’s a World. The Hague, Neth.: Ministry Hous., Spatial Plann.Environ. (VROM) |
| 93 | 35 | 2 | Rip A. 1995. Introduction of new technology: making use of recent insights from sociology and economics of technology. Technol. Anal. Strateg. Manag. 7:417–31 |
| 95 | 37 | 2 | De Haan J. 2010. Towards transition theory. PhD thesis, Erasmus Univ., Rotterdam, Neth. https://repub.eur.nl/pub/20593/ |
| 100 | 41 | 2 | Kemp R, Schot J, Hoogma R. 1998. Regime shifts to sustainability through processes of niche formation: the approach of strategic niche management. Technol. Anal. Strateg. Manag. 10:175–96 |
| 102 | 43 | 2 | Geels F. 2005. Coevolution of technology and society: the multi-level perspective and a case study—the transition in water supply and personal hygiene in the Netherlands (1850–1930). Technol. Soc. 27(3):363– |
| 110 | 50 | 2 | Hekkert MP, Suurs RA, Negro SO, Kuhlmann S, Smits R. 2007. Functions of innovation systems: a new approach for analysing technological change. Technol. Forecast. Soc. Change 74:413–32 |
| 116 | 59 | 2 | Loorbach D, Avelino F, Haxeltine A, Wittmayer J, O’Riordan T, et al. 2016. The economic crisis as a game changer? Exploring the role of social construction in sustainability transitions. Ecol. Soc. 21:15 |
| 121 | 63 | 2 | Brown RR, Farrelly MA, Loorbach DA. 2013. Actors working the institutions in sustainability transitions: the case of Melbourne’s stormwater management. Glob. Environ. Change 23:701–18 |
| 131 | 72 | 2 | Loorbach D, Wittmayer JM, Shiroyama H, Fujino J, Mizuguchi S, eds. 2016. Governance of Urban Sustainability Transitions: European and Asian Experiences, Vol. 1. Tokyo: Springer |
| 134 | 75 | 2 | Arentsen M, Bellekom S. 2014. Power to the people: Local energy initiatives as seedbeds of innovation? Energy Sustain. Soc. 4:1–12 |
| 140 | 80 | 2 | Gunderson L, Holling CS, eds. 2002. Panarchy: Understanding Transformations in Human and Natural Systems. Washington, DC: Island Press |
| 142 | 82 | 2 | Galaz V, Biermann F, Crona B, Loorbach D, Folke C, et al. 2012. “Planetary boundaries”—exploring the challenges for global environmental governance. Curr. Opin. Environ. Sustain. 4:80–87 |
| 2 | 10 | 1 | Costanza R. 1992. Ecological Economics: The Science and Management of Sustainability. New York: Columbia Univ. Press |
| 3 | 100 | 1 | Biermann F, Pattberg P. 2008. Global environmental governance: taking stock, moving forward. Annu. Rev. Environ. Resour. 33:277–94 |
| 4 | 101 | 1 | Lemos MC, Agrawal A. 2006. Environmental governance. Annu. Rev. Environ. Resour. 31:297–325 |
| 5 | 102 | 1 | Elkington J. 2006. Governance for sustainability. Corp. Gov. 14:522–29 |
| 6 | 103 | 1 | Nooteboom S. 2006. Adaptive Networks: The Governance for Sustainability. Rotterdam, Neth.: Erasmus Univ. Rotterdam Press |
| 7 | 104 | 1 | Patterson J, Schulz K, Vervoort J, van der Hel S, Widerberg O, et al. 2016. Exploring the governance and politics of transformations towards sustainability. Environ. Innov. Soc. Transit. In press. http://dx.doi.org/10.1016/j.eist.2016.09.001 |
| 8 | 105 | 1 | Wittmayer J. 2016. Transition management, action research and actor roles: understanding local sustainability transitions. PhD thesis, Erasmus Univ., Rotterdam, Neth. http://hdl.handle.net/1765/94385 |
| 9 | 108 | 1 | Scholz RW, Spoerri A, Lang DJ. 2009. Problem structuring for transitions: the case of Swiss waste management. Futures 41:171–81 |
| 10 | 109 | 1 | Wiek A, Binder C, Scholz R. 2006. Functions of scenarios in transition processes. Futures 38:740–66 |
| 12 | 110 | 1 | Hisschemoller M, Hoppe R, Dunn WN, Ravetz JR, ed. 2001. Knowledge, Power, and Participation in Environmental Policy Analysis. New Brunswick, NJ: Transaction Publ. |
| 13 | 111 | 1 | Sondeijker S, Geurts J, Rotmans Tukker A. 2006. Imagining sustainability: the added value of transition scenarios in transition management. Foresight 8:15–30 |
| 14 | 112 | 1 | Quist J, Vergragt P. 2006. Past and future of backcasting: the shift to stakeholder participation and a proposal for a methodological framework. Futures 38:1027–45 |
| 15 | 113 | 1 | Nevens F, Frantzeskaki N, Gorissen L, Loorbach D. 2013. Urban transition labs: co-creating transformative action for sustainable cities. J. Clean. Prod. 50:111–22 |
| 16 | 114 | 1 | Brown HS, Vergragt PJ, Green K, Berchicci L. 2004. Bounded sociotechnical experiments (BSTEs): higher order learning for transitions towards sustainable mobility. In System Innovation and the Transition to Sustainability: Theory, Evidence, and Policy, ed. B Elzen, FW Geels, K Green, pp. 191–222. Cheltenham, UK: Edward Elgar Publ. |
| 18 | 116 | 1 | Bos J, Brown R. 2012. Governance experimentation and factors of success in socio-technical transitions in the urban water sector. Technol. Forecast. Soc. Change 79:1340–53 |
| 19 | 117 | 1 | Loeber A, Van Mierlo B, Leeuwis C, Grin J. 2007. The practical value of theory: conceptualizing learning in the pursuit of a sustainable development. In Social Learning Toward a More Sustainable World: Principles, Perspectives, and Praxis, ed. A Wals, T Van der Leij, pp. 83–98. Wageningen, Neth.: Wageningen Acad. Publ. |
| 20 | 118 | 1 | Sol J, Beers PJ, Wals AE. 2013. Social learning in regional innovation networks: trust, commitment and reframing as emergent properties of interaction. J. Clean. Prod. 49:35–43 |
| 21 | 119 | 1 | Grin J, Weterings R. 2005. Reflexive monitoring of systems innovative projects: strategic nature and relevant competences. Presented at Open Meet. Human Dimensions Global Environ. Change Res. Commun., 6th, Bonn, Ger., Oct. 9–13 |
| 22 | 12 | 1 | Geels FW, en Kemp R. 2000. Transities vanuit sociotechnisch perspectief. Maastricht, Neth.: MERIT, Maastricht Univ. |
| 23 | 120 | 1 | Taanman M. 2014. Looking for transitions: a monitoring approach to improve transition programmes. PhD thesis, Erasmus Univ., Rotterdam, Neth. https://repub.eur.nl/pub/77582 |
| 24 | 121 | 1 | Hendriks CM, Grin J. 2007. Contextualizing reflexive governance: the politics of Dutch transitions to sustainability. J. Environ. Policy Plann. 9:333–50 |
| 25 | 122 | 1 | Voss J, Bauknecht D, Kemp R, ed. 2006. Reflexive Governance for Sustainable Development. Cheltenham, UK: Edward Elgar |
| 26 | 123 | 1 | Pahl-Wostl C, Downing T, Kabat P, Magnuszewski P, Meigh J, et al. 2005. Transition to adaptive water management: The NeWater project. NeWater Work. Pap., Inst. Environ. Syst. Res., Univ. Osnabrück. http://nora.nerc.ac.uk/1018/ |
| 27 | 124 | 1 | Van der Brugge R, Rotmans J, Loorbach D. 2005. The transition in Dutch water management. Reg. Environ. Change 5:164 |
| 28 | 126 | 1 | Parto S, Loorbach D, Lansink A, Kemp R. 2007. Transitions and institutional change: the case of the Dutch waste subsystem. In Industrial Innovation and Environmental Regulation: Developing Workable Solutions, ed. S Parto, B Herbert-Copley, pp. 233–57. Tokyo: United Nations University Press |
| 29 | 127 | 1 | Van Eijck J, Romijn H. 2008. Prospects for Jatropha biofuels in Tanzania: an analysis with strategic niche management. Energy Policy 36:311–25 |
| 30 | 128 | 1 | Van der Laak W, Raven R, Verbong G. 2007. Strategic niche management for biofuels: analysing past experiments for developing new biofuel policies. Energy Policy 35:3213–25 |
| 31 | 129 | 1 | Späth P, Rohracher H. 2012. Local demonstrations for global transitions—dynamics across governance levels fostering socio-technical regime change towards sustainability. Eur. Plann. Stud. 20:461–79 |
| 33 | 130 | 1 | Rohracher H. 2001. Managing the technological transition to sustainable construction of buildings: a socio-technical perspective. Technol. Anal. Strateg. Manag. 13:137–50 |
| 34 | 131 | 1 | Schot J, Rip A. 1997. The past and future of constructive technology assessment. Technol. Forecast. Soc. Change 54:251–68 |
| 35 | 132 | 1 | Schreuer A, Ornetzeder M, Rohracher H. 2010. Negotiating the local embedding of socio-technical experiments: a case study in fuel cell technology. Technol. Anal. Strateg. Manag. 22:729–43 |
| 36 | 133 | 1 | Shove E, Walker G. 2007. CAUTION! Transitions ahead: politics, practice, and sustainable transition management. Environ. Plann. A 39:763–70 |
| 37 | 134 | 1 | Meadowcroft J. 2011. Engaging with the politics of sustainability transitions. Environ. Innov. Soc. Transit. 1:70–75 |
| 38 | 135 | 1 | Avelino F, Grin J, Pel B, Jhagroe S. 2016. The politics of sustainability transitions. J. Environ. Policy Plann. 18(5):557–67 |
| 39 | 136 | 1 | Hendriks CM, Grin J. 2007. Contextualizing reflexive governance: the politics of Dutch transitions to sustainability. J. Environ. Policy Plann. 9:333–50 |
| 40 | 137 | 1 | Kern F, Smith A. 2007. Restructuring energy systems for sustainability? Energy transition policy in the Netherlands. Energy Policy 36:4093–103 |
| 41 | 138 | 1 | de Gooyert V, Rouwette E, van Kranenburg H, Freeman E, van Breen H. 2016. Sustainability transition dynamics: towards overcoming policy resistance. Technol. Forecast. Social Change 111:135–45 |
| 42 | 139 | 1 | Smith A, Kern F. 2009. The transitions storyline in Dutch environmental policy. Environ. Polit. 18:78–98 |
| 43 | 14 | 1 | Arthur WB. 1994. Increasing Returns and Path Dependence in the Economy. Ann Arbor, MI: Univ. Michigan Press |
| 44 | 140 | 1 | Van Der Loo F, Loorbach D. 2012. The Dutch Energy Transition project (2000–2009). See Ref. 2, pp. 220–50 |
| 45 | 141 | 1 | Verbong G, Geels F. 2006. The ongoing energy transition: lessons from a socio-technical, multi-level analysis of the Dutch electricity system (1960–2004). Energy Policy 13:45–59 |
| 46 | 142 | 1 | Rogge KS, Reichardt K. 2016. Policy mixes for sustainability transitions: an extended concept and framework for analysis. Res. Policy 45:1620–35 |
| 47 | 143 | 1 | Kivimaa P, Kern F. 2016. Creative destruction or mere niche support? Innovation policy mixes for sustainability transitions. Res. Policy 45:205–17 |
| 48 | 145 | 1 | Grin J. 2012. The politics of transition governance in Dutch agriculture. Conceptual understanding and implications for transition management. Int. J. Sustain. Dev. 15:72–89 |
| 49 | 146 | 1 | Spaargaren G, Oosterveer P, Loeber A. 2013. Food Practices in Transition: Changing Food Consumption, Retail and Production in the Age of Reflexive Modernity. New York: Routledge |
| 50 | 147 | 1 | Geels F, Kemp R, Dudley G, Lyons G. 2011. Automobility in Transition? A Socio-technical Analysis of Sustainable Transport. New York: Routledge |
| 52 | 149 | 1 | Schot J, Geels FW. 2008. Strategic niche management and sustainable innovation journeys: Theory, findings, research agenda, and policy. Technol. Anal. Strateg. Manag. 20:537–54 |
| 53 | 15 | 1 | van den Bergh JCJM, Gowdy JM. 2000. Evolutionary theories in environmental and resource economics: approaches and applications. Environ. Resour. Econ. 17:37–57 |
| 55 | 152 | 1 | Loorbach D. 2014. To Transition! Governance Panarchy in the New Transformation. Rotterdam, Neth.: Dutch. Res. Inst. Trans., Erasmus Univ. |
| 56 | 153 | 1 | Nevens F, Frantzeskaki N, Gorissen L, Loorbach D. 2013. Urban transition labs: co-creating transformative action for sustainable cities. J. Clean. Prod. 50:111–22 |
| 57 | 154 | 1 | Ernston H, Van der Leeuw S, Redman C, Meffert D, Davis G, et al. 2010. Urban transitions: on urban resilience and human-dominated ecosystems. AMBIO: A J. Hum. Environ. 39:531–45 |
| 58 | 155 | 1 | Hess DJ. 2014. Sustainability transitions: a political coalition perspective. Res. Policy 43:278–83 |
| 59 | 156 | 1 | Bosman R, Loorbach D, Frantzeskaki N, Pistorius T. 2014. Discursive regime dynamics in the Dutch energy transition. Environ. Innov. Soc. Transit. 14:45–59 |
| 60 | 157 | 1 | Wittmayer JM, Schäpke N. 2014. Action, research and participation: roles of researchers in sustainability transitions. Sustain. Sci. 9:483–96 |
| 62 | 159 | 1 | Hadorn GH, Bradley D, Pohl C, Rist S, Wiesmann U. 2006. Implications of transdisciplinarity for sustainability research. Ecol. Econ. 60:119–28 |
| 63 | 16 | 1 | O’Riordan T. 2001. Globalism, Localism, and Identity: Fresh Perspectives on the Transition to Sustainability. London: Earthscan |
| 65 | 162 | 1 | Wittmayer J, Schäpke N, Feiner G, Piotrowski R, van Steenbergen F, Baasch S. 2013. Action research for sustainability: reflections on transition management in practice. Res. Brief, InContext, FP7. https://www.researchgate.net/profile/Niko\_Schaepke/publication/262378898\_Action\_research\_for\_sustainability\_-\_Reflection\_on\_transition\_management\_in\_practice/links/00b7d5378f4a31c5ad000000.pdf |
| 66 | 163 | 1 | Funtowicz SO, Ravetz JR. 1993. Science for the post-normal age. Futures 25:739–55 |
| 67 | 164 | 1 | Kates RW, Clark WC, Corell R, Hall JM, Jaeger C, et al. 2001. Environment and development—sustainability science. Science 292:641–42 |
| 68 | 165 | 1 | Yarime M, Trencher G, Mino T, Scholz RW, Olsson L, et al. 2012. Establishing sustainability science in higher education institutions: towards an integration of academic development, institutionalization, and collaborations with stakeholders. Sustain. Sci. 7(1):101–13 |
| 69 | 166 | 1 | Trencher G, Bai X, Evans J, McCormick K, Yarime M. 2014. University partnerships for co-designing and co-producing urban sustainability. Glob. Environ. Change 28:153–65 |
| 71 | 17 | 1 | Van Asselt MBA, Rotmans J. 1996. Uncertainty in perspective. Glob. Environ. Change 6:121–57 |
| 72 | 170 | 1 | Frantzeskaki N, Grin J, Thissen W. 2016. Drifting between transitions, the case of the Greek environmental transition in relation to the river Acheloos Diversion project. Technol. Forecast. Soc. Change 102:275–86 |
| 73 | 171 | 1 | Wittmayer JM, Schäpke N. 2014. Action, research and participation: roles of researchers in sustainability transitions. Sustain. Sci. 9:483–96 |
| 74 | 172 | 1 | Audet R. 2014. The double hermeneutic of sustainability transitions. Environ. Innov. Soc. Transit. 11:46–49 |
| 75 | 18 | 1 | Rotmans J. 1998. Methods for IA: the challenges and opportunities ahead. Environ. Model. Assess. 3:155–79 |
| 76 | 19 | 1 | Loorbach D. 2007. Transition Management: New Mode of Governance for Sustainable Development. Rotterdam, Neth.: Erasmus Univ. Rotterdam Press |
| 77 | 2 | 1 | Verbong G, Loorbach D, eds. 2012. Governing the Energy Transition: Reality, Illusion or Necessity? New York: Routledge |
| 78 | 20 | 1 | Voss J, Bauknecht D, Kemp R, eds. 2006. Reflexive Governance for Sustainable Development. Cheltenham, UK: Edward Elgar |
| 79 | 21 | 1 | Wolfram M. 2015. Conceptualizing urban transformative capacity: a framework for research and policy. Cities 50:121–30 |
| 80 | 22 | 1 | Wittmayer JM, van Steenbergen F, Rok A, Roorda C. 2015. Governing sustainability: a dialogue between Local Agenda 21 and transition management. Local Environ. 21:939–55 |
| 82 | 24 | 1 | van den Bergh JCJM. 2013. Economic-financial crisis and sustainability transition: introduction to the special issue. Environ. Innov. Soc. Transit. 6:1–8 |
| 86 | 28 | 1 | Seyfang G, Haxeltine A. 2012. Growing grassroots innovations: exploring the role of community-based initiatives in governing sustainable energy transitions. Environ. Plann. C 30:381–400 |
| 87 | 29 | 1 | Smith A. 2012. Civil society in sustainable energy transitions. In Governing the Energy Transition: Reality, Illusion, or Necessity?, ed. G Verbong, D Loorbach, pp. 190–202. New York: Routledge |
| 89 | 30 | 1 | European Environment Agency (EEA). 2015. SOER 2015—the European environment—state and outlook 2015: a comprehensive assessment of the European environment’s state, trends and prospects, in a global context. Rep., EEA, Cph., Den. http://www.eea.europa.eu/soer |
| 90 | 31 | 1 | Organisation for Economic Co-operation and Development (OECD). 2015. System innovation: synthesis report. Rep., OECD, Paris. http://www.innovationpolicyplatform.org/sites/default/files/general/SYSTEMINNOVATION\_FINALREPORT.pdf |
| 91 | 32 | 1 | Naberhaus M. 2011. Effective strategies for the great transition: five leverage points for civil society organisations. Conf. Pap., Smart CSO, London. http://www.smart-csos.org/images/Documents/Smart%20CSOs%20Report%20english.pdf |
| 94 | 36 | 1 | Geels FW. 2002. Technological transitions as evolutionary reconfiguration processes: a multi-level perspective and a case-study. Res. Policy 31:1257–74 |
| 96 | 38 | 1 | Geels F. 2006. Major system change through stepwise reconfiguration: a multi-level analysis of the transformation of American factory production. Technol. Soc. 28:445–76 |
| 101 | 42 | 1 | Van den Bergh J, Stagl S. 2004. Coevolution of economic behaviour and institutions: towards a theory of institutional change. J. Evol. Econ. 13:289–317 |
| 103 | 44 | 1 | Raven R. 2007. Niche accumulation and hybridisation strategies in transition processes towards a sustainable energy system: an assessment of differences and pitfalls. Energy Policy 35:2390–400 |
| 104 | 45 | 1 | Geels F, Raven R. 2006. Non-linearity and expectations in niche-development trajectories: ups and downs in Dutch biogas development (1973–2003). Technol. Anal. Strateg. Manag. 18:375–92 |
| 105 | 46 | 1 | Elzen B, Wieczorek A. 2005. Transitions towards sustainability through system innovation. Technol. Forecast. Soc. Change 72:651–61 |
| 106 | 47 | 1 | Smith A, Voß J-P, Grin J. 2010. Innovation studies and sustainability transitions: the allure of the multilevel perspective and its challenges. Res. Policy 39:435–48 |
| 107 | 48 | 1 | Bergek A, Jacobsson S, Carlsson B, Lindmark S, Rickne A. 2008. Analyzing the functional dynamics of technological innovation systems: a scheme of analysis. Res. Policy 37:407–29 |
| 108 | 49 | 1 | Jørgensen U. 2012. Mapping and navigating transitions—the multi-level perspective compared with arenas of development. Res. Policy 41:996–1010 |
| 111 | 51 | 1 | Suurs RA. 2009. Motors of Sustainable Innovation: Towards a Theory on the Dynamics of Technological Innovation Systems. Utrecht, Neth.: Utrecht Univ. https://dspace.library.uu.nl/handle/1874/33346 |
| 113 | 53 | 1 | Frantzeskaki N, Loorbach D, Meadowcroft J. 2012. Governing societal transitions to sustainability. Int. J. Sustain. Dev. 15:19–36 |
| 114 | 54 | 1 | Shove E, Walker G. 2010. Governing transitions in the sustainability of everyday life. Res. Policy 39:471–6 |
| 115 | 58 | 1 | Coenen L, Benneworth P, Truffer B. 2012. Toward a spatial perspective on sustainability transitions. Res. Policy 41:968–79 |
| 117 | 6 | 1 | Van den Bergh, Jeroen CJM, Truffer B, Kallis G. 2011. Environmental innovation and societal transitions: introduction and overview. Environ. Innov. Soc. Transit. 1:1–23 |
| 118 | 60 | 1 | Konrad K, Truffer B, Voß J. 2008. Multi-regime dynamics in the analysis of sectoral transformation potentials: Evidence from German utility sectors. J. Clean. Prod. 16:1190–202 www.annualreviews.org • Sustainability Transitions Research |
| 119 | 61 | 1 | Beers PJ, Sol J, Wals A. 2010. Social learning in a multi-actor innovation context. Presented at Int. Farm. Syst. Assoc. Conf., Vienna, Austria, 3–7 July |
| 122 | 64 | 1 | Shove E, Walker G. 2008. Transition management and the politics of shape shifting. Environ. Plann. A 40:1012–14 |
| 123 | 65 | 1 | Hendriks CM. 2009. Policy design without democracy? Making democratic sense of transition management. Policy Sci. 42:341–68 |
| 124 | 66 | 1 | Meadowcroft J. 2009. What about the politics? Sustainable development, transition management, and long term energy transitions. Policy Sci. 42:323–40 |
| 125 | 67 | 1 | Kern F, Howlett M. 2009. Implementing transition management as policy reforms: A case study of the Dutch energy sector. Policy Sci. 42:391–408 |
| 126 | 68 | 1 | Voß J, Smith A, Grin J. 2009. Designing long-term policy: rethinking transition management. Policy Sci. 42:275–302 |
| 127 | 69 | 1 | Avelino F. 2011. Power in transition: empowering discourses on sustainability transitions. PhD thesis, Erasmus Univ., Rotterdam, Neth. https://repub.eur.nl/pub/30663 |
| 128 | 7 | 1 | Frantzeskaki N, Loorbach D. 2010. Towards governing infrasystem transitions: Reinforcing lock-in or facilitating change? Technol. Forecast. Soc. Change 77:1292–301 |
| 129 | 70 | 1 | Hoffman J. 2013. Theorizing power in transition studies: the role of creativity and novel practices in structural change. Policy Sci. 46:257–75 |
| 130 | 71 | 1 | Pel B. 2015. Trojan horses in transitions: a dialectical perspective on innovation “capture.” J. Environ. Policy Plann. 18:673–91 |
| 135 | 76 | 1 | Späth P, Rohracher H. 2010. ‘Energy regions’: the transformative power of regional discourses on socio-technical futures. Res. Policy 39:449–58 |
| 136 | 77 | 1 | Avelino F, Dumitru A, Longhurst N, Wittmayer J, Hielscher S, et al. 2015. Transitions towards new economies? A transformative social innovation perspective. Work. Pap. 3, TRANSIT |
| 137 | 78 | 1 | Haxeltine A, Wittmayer J, Avelino F, Kemp R, Weaver P, et al. 2013. Transformative social innovations: a sustainability transition perspective on social innovation. Presented Soc. Front. Next Edge Soc. Innov. Res., Nov. 13–14, Glasgow Caledonian Univ., London |
| 138 | 79 | 1 | Holling CS. 1973. Resilience and stability of ecological systems. Annu. Rev. Ecol. Syst. 4:1–23 |
| 139 | 8 | 1 | O’Riordan T. 1996. Politics of Climate Change: A European Perspective. London: Psychology Press |
| 141 | 81 | 1 | Rockstrom J, Steffen W, Noone K, Persson A, Chapin FS, et al. 2009. A safe operating space for humanity. Nature 461:472–75 |
| 143 | 83 | 1 | Haberl H, Fischer-Kowalski M, Krausmann F, Martinez-Alier J, Winiwarter V. 2011. A socio-metabolic transition towards sustainability? Challenges for another great transformation. Sustainable Dev. 19:1–14 |
| 144 | 84 | 1 | Folke C, Hahn T, Olsson P, Norberg J. 2005. Adaptive governance of socio-ecological systems. Annu. Rev. Environ. Resour. 30:441–73 |
| 145 | 85 | 1 | Krausmann F, Schandl H, Sieferle RP. 2008. Socio-ecological regime transitions in Austria and the United Kingdom. Ecol. Econ. 65:187–201 |
| 146 | 86 | 1 | Haase D, Frantzeskaki N, Elmqvist T. 2014. Ecosystem services in urban landscapes: practical applications and governance implications. Ambio 43:407–12 |
| 147 | 87 | 1 | Chapin III FS, Kofinas GP, Folke C, Chapin MC. 2009. Principles of Ecosystem Stewardship: Resilience-Based Natural Resource Management in a Changing World. New York: Springer-Verlag |
| 148 | 88 | 1 | Steffen W, Persson Å, Deutsch L, Zalasiewicz J, Williams M, et al. 2011. The Anthropocene: from global change to planetary stewardship. AMBIO: A J. Hum. Environ. 40:739–61 |
| 149 | 89 | 1 | Österblom H, Gårdmark A, Bergström L, Müller-Karulis B, Folke C, et al. 2010. Making the ecosystem approach operational—Can regime shifts in ecological-and governance systems facilitate the transition? Mar. Policy 34:1290–99 |
| 150 | 9 | 1 | Raskin P. 2002. Great Transition: The Promise and Lure of the Time Ahead. Boston: Stockholm Environ. Inst. |
| 151 | 90 | 1 | Olsson P, Galaz V, Boonstra WJ. 2014. Sustainability transformations: a resilience perspective. Ecol. Soc. 19:1 |
| 152 | 91 | 1 | Jessop B. 2003. Governance and metagovernance: on reflexivity, requisite variety, and requisite irony. In Governance, as Social and Political Communication, ed. H Bang, pp. 142–72. Manchester, UK: Manchester Univ. Press |
| 153 | 92 | 1 | Rhodes RAW. 1996. The new governance: governing without government. Polit. Stud. 44:652–67 |
| 154 | 93 | 1 | Beck U, Giddens A, Lash S. 1994. Reflexive Modernization: Politics, Tradition and Aesthetics in the Modern Social Order. Stanford, CA: Stanford Univ. Press |
| 155 | 94 | 1 | Eising R, Kohler-Koch B. 1999. Introduction: network governance in the European Union. In The Transformation of Governance in the European Union, ed. B Kohler-Koch, R Eising, pp. 3–13. London: Routledge |
| 156 | 95 | 1 | Hooghe L. and Marks G. 2001. Multi-level Governance and European Integration. Oxford, UK: Rowman & Littlefield |
| 157 | 96 | 1 | Milward HB, Provan KG. 2000. How networks are governed. In Governance and Performance, ed. H Lynn, pp. 238–62. Washington, DC: Georgetown Univ. Press |
| 158 | 97 | 1 | Scharpf F. 1997. The problem solving capacity of multi-level governance. J. Eur. Public Policy 4:520–38 |
| 159 | 98 | 1 | Voss JP, Bauknecht D, Kemp R, eds. 2006. Reflexive Governance for Sustainable Development. Cheltenham, UK: Edward Elgar Publ. |

### 1.2.4 Scoones 2020

cit <- read.csv(  
 "Scoones et al. - 2020 - extracted [] - cleaned.csv",  
 header = TRUE  
)  
  
cit <- table(cit["ref"]) |>  
 as.data.frame()  
  
ref <- read.csv(  
 "Scoones et al. - 2020 - ref.csv",  
 header = TRUE,  
 row.names = NULL,  
 sep = ",",  
 quote = "|"  
)  
  
cit <- merge(  
 cit,  
 ref,  
 by = "ref",  
 all.x = TRUE  
)  
  
cit <- cit[order(cit$Freq, decreasing = TRUE),]  
  
write.csv(  
 cit,  
 "Scoones et al. - 2020- citation occurances.csv",  
 row.names = FALSE  
)  
  
knitr::kable(  
 cit,  
 caption = "References cited in Scoones et al. 2020"  
)

References cited in Scoones et al. 2020

|  | ref | Freq | citation |
| --- | --- | --- | --- |
| 17 | 17 | 3 | Stirling A: Emancipating transformations: from controlling ‘thetransition’ to culturing plural radical progress. The Politics ofGreen Transformations. London: Routledge; 2015, 54-67. |
| 5 | 5 | 2 | NA |
| 8 | 8 | 2 | Scoones I, Newell P, Leach M: The Politics of GreenTransformations. London: Earthscan Routledge; 2015 |
| 13 | 13 | 2 | Leach M, Scoones I, Stirling A: Dynamic Sustainabilities:Technology, Environment, Social Justice. London: Earthscan;2010. |
| 14 | 14 | 2 | Stirling A: Pluralising progress: from integrative transitions totransformative diversity. Environ Innov Soc Transitions 2011,1:82-88. |
| 31 | 31 | 2 | Lara LG, Pereira LM, Ravera F, Jiménez-Aceituno A: Flipping thetortilla: social-ecological innovations and traditionalecological knowledge for more sustainable agri-food systemsin spain. Sustainability 2009, 11. |
| 42 | 44 | 2 | Brown K: Global Environmental Change I: A Social Turn ForResilience? Prog Hum Geogr 2013, 38(1):107-117. |
| 50 | 52 | 2 | Kern F: Energy transitions and deliberate transitionmanagement: implementing the green economy. OkolWirtschaften 2013, 3:20-23. |
| 55 | 57 | 2 | Abrol D: Embedding technology in community-basedproduction systems through people’s technology initiatives:lessons from the Indian experience. Int J Technol Manag SustainDev 2005, 4:3-20. |
| 57 | 59 | 2 | Meadowcroft J: Engaging with the politics of sustainabilitytransitions. Environ Innov Soc Transitions 2011, 1:70-75. |
| 60 | 62 | 2 | Moore M-L, Olsson P, Nilsson W, Rose L, Westley FR: Navigatingemergence and system reflexivity as key transformativecapacities: experiences from a Global Fellowship program.Ecol Soc 2018, 23. |
| 61 | 63 | 2 | Drimie S, Hamann R, Manderson AP, Mlondobozi N: Creatingtransformative spaces for dialogue and action: reflecting onthe experience of the Southern Africa Food Lab. Ecol Soc2018, 23. |
| 65 | 67 | 2 | Pereira LM, Karpouzoglou T, Frantzeskaki N, Olsson P: Designingtransformative spaces for sustainability in social-ecologicalsystems. Ecol Soc 2018, 23 |
| 68 | 70 | 2 | Stirling A: Engineering and sustainability: control and care inunfoldings of modernity. In Routledge Companion to thePhilosophy of Engineering, , vol. 06. Edited by Michelfelder DP,Doorn N. London: Routledge; 2019 |
| 73 | 75 | 2 | Pereira LM, Hichert T, Hamann M, Preiser R, Biggs R: Usingfutures methods to create transformative spaces: visions of agood Anthropocene in southern Africa. Ecol Soc 2018, 23 |
| 90 | 92 | 2 | Smith A, Stirling A: Innovation, sustainability and democracy:an analysis of grassroots contributions. J Self-GovernanceManag Econ 2018, 6:64-97 |
| 95 | 97 | 2 | Van Zwanenberg P, Cremaschi A, Obaya M, Marin A,Lowenstein V: Seeking unconventional alliances and bridginginnovations in spaces for transformative change: the seedsector and agricultural sustainability. Ecol Soc 2018, 23 |
| 104 | 106 | 2 | Wittmayer JM, Scha N: Action, research and participation: rolesof researchers in sustainability transitions. Sustain Sci 2014,9:483-496. |
| 105 | 107 | 2 | Charli-Joseph L, Siqueiros-Garcia JM, Eakin H, Manuel Navarrete D, Shelton R: Promoting agency for social-ecological transformation: a transformation-lab in the Xochimilco socialecological system. Ecol Soc 2018, 23 |
| 1 | 1 | 1 | Steffen W et al.: Planetary boundaries: guiding humandevelopment on a changing planet. Science (80-) 2015, 347. |
| 2 | 2 | 1 | Rockström J et al.: A safe operating space for humanity. Nature2009, 461:472-475. |
| 3 | 3 | 1 | Raworth K: A Safe and Just Space for Humanity: Can We Live Withinthe Doughnut? . Available (November 2019) at: Oxford: Oxfam; 2012https://www-cdn.oxfam.org/s3fs-public/file\_attachments/dp-a-safe-and-just-space-for-humanity-130212-en\_5.pdf.Current Opinion in Environmental Sustainability 2020, 42:65–75 |
| 4 | 4 | 1 | Leach M et al.: Equity and sustainability in the anthropocene: asocial–ecological systems perspective on their intertwinedfutures. Glob Sustain 2018, 1 |
| 6 | 6 | 1 | Pelling M: Transformation: a renewed window on developmentresponsibility for risk management. J Extreme Events 2014, 1 p.1402003. |
| 7 | 7 | 1 | Blythe J et al.: The dark side of transformation: latent risks incontemporary sustainability discourse. Antipode 2018,50:1206-1223. |
| 9 | 9 | 1 | W.-P. G, Arnott J, Mach K: Transforming science-societyengagement and generating actionable knowledge forenvironmental sustainability under global change. Curr OpinEnviron Sustain 2020. |
| 10 | 10 | 1 | Patterson J, Schulz K, Vervoort J, Van Der Hel S, Sethi M,Barau A: Exploring the governance and politics oftransformations towards sustainability. Environ Innov SocTransitions 2017, 24:1-16. |
| 11 | 11 | 1 | Hackmann AL, St. Clair H: Transformative cornerstones ofsocial science research for global change. Int Soc Sci CouncParis 2013, 4:117-152. |
| 12 | 12 | 1 | O’Brien K: Global environmental change III: closing the gapbetween knowledge and action. Prog Hum Geogr 2012,37:587-596. |
| 15 | 15 | 1 | Smith A, Stirling A, Berkhout F: The governance of sustainablesocio-technical transitions. Res Policy 2005, 34:1491-1510. |
| 16 | 16 | 1 | Schot J, Steinmueller WE: New directions for innovationstudies: missions and transformation. Res Poliicy 2018,47:1583-1584. |
| 18 | 18 | 1 | Kates RW, Travis WR, Wilbanks TJ: Transformational adaptationwhen incremental adaptations to climate change areinsufficient. Proc Natl Acad Sci U S A 2012, 109:7156-7161. |
| 19 | 19 | 1 | Newell P: The politics of green transformations in capitalism. InThe Politics of Green Transformation. Edited by Scoones I, LeachM, Newel P. London: Earthscan; 2015. |
| 20 | 20 | 1 | Foster JB, Clark B, York R: The Ecological Rift: Capitalism’s War onthe Earth. New York: Monthly Review Press; 2010. |
| 21 | 21 | 1 | D’Alisa G, Demaria F, Kallis G (Eds): Degrowth: a Vocabulary for aNew Era. London: Routledge; 2015. |
| 22 | 22 | 1 | O’Brien K, O’Brien K: Global environmental change II: fromadaptation to deliberate transformation. Prog Hum Geogr 2012,36:667-676. |
| 23 | 23 | 1 | Grin J, Rotmans J, Schot J, Geels F, Loorbach D: Transitions toSustainable Development: New Directions in the Study of LongTerm Transformative Change. London: Routledge; 2010. |
| 24 | 24 | 1 | Scoones I: The politics of sustainability and development. AnnuRev Environ Resour 2016:1-275.Feola G: Societal transformation in response to globalenvironmental change: a review of emerging concepts. Ambio2014, 44:376-390. |
| 25 | 25 | 1 | Marx K: Capital: a Critique of Political Economy - Volume 1.Harmondsworth: Penguin; 1976. |
| 26 | 26 | 1 | Lenin VI: Revolution, Democracy, Socialism. London: Pluto Press;2008. |
| 27 | 27 | 1 | Gramsci A: Selections from the Prison Notebooks of AntonioGramsci. New York: International Publishers; 1971. |
| 28 | 28 | 1 | Davis M: Old Gods, New Enigmas - Marx’s Lost Theory. London:Verso; 2018. |
| 29 | 29 | 1 | Mouffe C: For a Left Populism. London: Verso; 2018. |
| 30 | 30 | 1 | Jackson T: Prosperity without growth London. Available(November 2019) at: http://www.sd-commission.org.uk/data/files/publications/prosperity\_without\_growth\_report.pdf. |
| 32 | 34 | 1 | Kaijser A, Kronsell A: Climate change through the lens ofintersectionality. Environ Polit 2014, 23:417-433. |
| 33 | 35 | 1 | Maina-okori NM, Koushik JR, Wilson A: Reimaginingintersectionality in environmental and sustainabilityeducation: a critical literature review. J Environ Educ 2018,49:286-296. |
| 34 | 36 | 1 | Fraser N: A triple movement? New Left Rev 2013, 81:119-132. |
| 35 | 37 | 1 | Wainwright H: A New Politics From the Left. Chichester: JohnWiley & Sons; 2018. |
| 36 | 38 | 1 | Abrol D: Conditions for the achievement of pharmaceuticalinnovation for sustainable development: lessons from India.World Rev Sci Technol Sustain Dev 2006, 3. |
| 37 | 39 | 1 | Meadows DH: System dynamics meets the press. Syst Dyn Rev1989, 5:69-80. |
| 38 | 40 | 1 | Meadows DH, Meadows DL, Randers J: Beyond the Limits: GlobalCollapse or A Sustainable Future. London: Earthscan PublicationsLtd; 1992. Earthscan. |
| 39 | 41 | 1 | Holling CS: Resilience and stability of ecological systems. AnnuRev Ecol Syst 1973, 4:1-23. |
| 40 | 42 | 1 | Folke C, Carpenter SR, Walker B, Scheffer M, Chapin T,Rockström J: Resilience thinking: integrating resilience,adaptability and transformability. Ecol Soc 2010, 15. |
| 41 | 43 | 1 | Berkes F, Colding J, Folke C (Eds): Social-ecological Systems:Building Resilience For Complexity and Change. Cambridge:Cambridge University Press; 2003. |
| 43 | 45 | 1 | Westley F et al.: Tipping toward sustainability: emergingpathways of transformation. Ambio 2011, 40:762-780. |
| 44 | 46 | 1 | Olsson P, Galaz V, Boonstra WJ: Sustainability transformations:a resilience perspective. Ecol Soc 2014, 19. |
| 45 | 47 | 1 | Folke C: Resilience: the emergence of a perspective for social–ecological systems analyses. Glob Environ Change 2006,16:253-267. |
| 46 | 48 | 1 | Geels FW: Technological transitions as evolutionaryreconfiguration processes: a multi-level perspective and acase-study. Res Policy 2002, 31:1257-1274. |
| 47 | 49 | 1 | Rip A, Kemp R: Technological change. In Human Choice andclimate change: an international assessment. Edited by Rayner S,Malone EL. Columbus: Batelle Press; 1998:327-399. |
| 48 | 50 | 1 | Geels F: Technological Transitions and System Innovations: a Coevolutionary and Socio-technical Analysis. Cheltenham, UK;Northampton, MA: Edward Elgar; 2005. |
| 49 | 51 | 1 | Loorbach D, Rotmans J: The practice of transitionmanagement: examples and lessons from four distinct cases.Futures 2010, 42:237-246. |
| 51 | 53 | 1 | Geels FW: Regime resistance against low carbon transitions:introducing politics and power into the multi-levelperspective. Theory Cult Soc 2014, 31:21-40. |
| 52 | 54 | 1 | Raven R, Ghosh B, Wieczorek A, Stirling A, Ghosh D, Jolly S,Karjangtimapron E, Prabudhanitisarn S, Roy J, Sangawongse S,Sengers F: Unpacking sustainabilities in diverse transitioncontexts: solar photovoltaic and urban mobility experimentsin India and Thailand. Sustain. Sci. 2017, 12(4):579-596Focusing on two key fields for sustainability transformations in two urbansettings in the Global South, this paper explores a dimension that isunusual in the ‘technological transitions’ field, in that it systematicallyanalyses a number of dimensions of diversity in the framing both ofsustainability and transformation. |
| 53 | 55 | 1 | Seyfang G: The new economics of sustainable consumption:seeds of change. Basingstoke. Palgrave Macmillan; 2008. |
| 54 | 56 | 1 | Pansera M, Owen R: Framing inclusive innovation within thediscourse of development: insights from case studies in India.Res Policy 2017, 47:23-34Exploring ideas and practices around ‘inclusive innovation’ in an important setting in the Global South, this provides a useful and authoritativeoverview of a concept that is becoming increasingly prominent in discussions of transformations to sustainability. |
| 56 | 58 | 1 | Schmitz H: Green transformation: is there a fast track? In ThePolitics of Green Transformations. Edited by Scoones I, Leach M,Newell P. London: Routledge; 2015. |
| 58 | 60 | 1 | Temper L, Walter M, Rodriguez I, Kothari A, Turhan E: Aperspective on radical transformations to sustainability:resistances, movements and alternatives. Sustain Sci 2018,13:747-764. |
| 59 | 61 | 1 | Shove E, Walker G: CAUTION! Transitions ahead: politics,practice, and sustainable transition management. Environ PlanA 2007, 39:763-770. |
| 62 | 64 | 1 | Brien KO: Political agency: the key to tackling climate change.Science (80-) 2015, 350. |
| 63 | 65 | 1 | Sools A, Hein Mooren J: Towards narrative futuring inpsychology: becoming resilient by imagining the future. Grad JSoc Sci 2012, 9:203. |
| 64 | 66 | 1 | Bandura A: Toward a psychology of human agency. PerspectPsychol Sci 2006, 1:164-180.www.sciencedirect.com |
| 66 | 68 | 1 | Hulme M: Why We Disagree About Climate Change. Cambridge:Cambridge Univ Press; 2009. |
| 67 | 69 | 1 | Stirling A: Transforming power: social science and the politicsof energy choices. Energy Res Soc Sci 2014, 1:83-95. |
| 69 | 71 | 1 | Mouffe C: The Return of the Political. London: Verso; 1993. |
| 70 | 72 | 1 | Fraser N: Can society be commodities all the way down?Polanyian reflections on capitalist crisis. FMSH 2012.18 August 2012. |
| 71 | 73 | 1 | Hall AJ, Yoganand B, Sulaiman RV, C.N.G (Eds): Post-harvestInnovations in Innovation: Reflections on Partnership and Learning.Patancheru: Crop Post-Harvest Programme, South Asia; 2003. |
| 72 | 74 | 1 | Abrol D: Pro-poor innovation-making, knowledge productionand technology implementation for rural areas: lessons fromthe Indian experience. In Innovation in India: Melting EconomicGrowth with Inclusive Development. Edited by Ramani S.Cambridge: Cambridge Univ Press; 2014. |
| 74 | 76 | 1 | Galafassi D et al.: Stories in social-ecological knowledgecocreation. Ecol Soc 2018, 23 |
| 75 | 77 | 1 | Dyer M: Transforming communicative spaces: the rhythm ofgender in meetings in rural Solomon Islands. Ecol Soc 2018, 23. |
| 76 | 78 | 1 | Marshall F, Dolley J, Priya R: Transdisciplinary research astransformative space making for sustainability: enhancingpropoor transformative agency in periurban contexts. EcolSoc 2018, 23 |
| 77 | 79 | 1 | Arora S: Defying Control: Aspects of Caring Engagement BetweenDivergent Knowledge Practices. Brighton: STEPS Centre; 2017. |
| 78 | 80 | 1 | Hebinck A, Vervoort JM, Hebinck P, Rutting L, Galli F: Imaginingtransformative futures: participatory foresight for foodsystems change. Ecol Soc 2018, 23 |
| 79 | 81 | 1 | Born B, Purcell M: Avoiding the local trap: scale and food systemsin planning research. J Plan Educ Res 2006, 26:195-207. |
| 80 | 82 | 1 | Brown JC, Purcell M: There’s nothing inherent about scale:political ecology, the local trap, and the politics ofCurrent Opinion in Environmental Sustainability 2020, 42:65–75development in the Brazilian Amazon. Geoforum 2005, 36:607-624. |
| 81 | 83 | 1 | Eakin H: The ‘turn to capacity’ in vulnerability research. InApplied Studies in Climate Adaptation. Edited by Palutikof D,Boulter JP, Barnett S, Rissik J. Chichester: John Wiley; 2015. |
| 82 | 84 | 1 | Jasanoff S: Just transitions: a humble approach to globalenergy futures. Energy Res Soc Sci 2018, 35:11-14. |
| 83 | 85 | 1 | Mitchell T: Carbon Democracy: Political Power in the Age of Oil.London: Verso; 2011. |
| 84 | 86 | 1 | Bulkeley H et al.: Governing climate change transnationally:assessing the evidence from a database of sixty initiatives.Environ Plan C Polit Sp 2014, 30:591-612. |
| 85 | 87 | 1 | Kuzemko C, Mitchell C, Lockwood M, Hoggett R: Policies,politics and demand side innovations: the untold story ofGermany’s energy transition. Energy Res Soc Sci 2017,28:58-67. |
| 86 | 88 | 1 | Smith A, Raven R: What is protective space? Reconsideringniches in transitions to sustainability. Res Policy 2012,41:1025-1036. |
| 87 | 89 | 1 | Folke C, Hahn T, Olsson P, Norberg J: Adaptive governance ofsocial-ecological systems. Annu Rev Environ Resour 2005,30:441-473. |
| 88 | 90 | 1 | Ockwell D et al.: Can pay-as-you-go, digitally enabled businessmodels support sustainability transformations in developingcountries? Outstanding questions and a theoretical basis forfuture research. Sustainability 2019, 11:1-21. |
| 89 | 91 | 1 | Smith A, Fressoli M, Abrol D, Around E, Ely A: GrassrootsInnovation Movements. London: Routledge Earthscan; 2016. |
| 91 | 93 | 1 | STEPS Centre: Innovation, Sustainability, Development: A NewManifesto. . Available (November 2019) at: Brighton: STEPSCentre; 2010 In: https://steps-centre.org/publication/innovation-sustainability-development-a-new-manifesto/. |
| 92 | 94 | 1 | Abrol D: Technological alternatives for Indian futures. InAlternative Futures: India Unshackled. Edited by Kothari A, Joy KJ.Delhi: Authors Upfront; 2017 |
| 93 | 95 | 1 | Asafu-Adjaye J et al.: An Ecomodernist Manifesto. . Available(November 2019) at: Washington: Breathrough Institute; 2015 In:http://www.ecomodernism.org/. |
| 94 | 96 | 1 | Preiser R, Pereira LM, (Oonsie) Biggs R: Navigating alternative framings of human-environment interactions: variations onthe theme of ‘Finding Nemo,’. Anthropocene 2017, 20:83-87 |
| 96 | 98 | 1 | Marin A, Stubrin L, van Zwanenberg P, Van Zwanenberg P:Developing Capabilities in the Seed Industry: Which Direction toFollow? Brighton: Science Policy Research Unit; 2014. Available(November 2019) at: http://sro.sussex.ac.uk/id/eprint/49232/. |
| 97 | 99 | 1 | Wright EO, Folbre N, Andersson J, Hearn J, Himmelweit S,Stirling A: Chapter 21. The multiple directions of socialprogress: ways forward. International Panel on Social Progress:Rethinking Society for the 21st Century. Cambridge: CambridgeUniversity Press; 2018 |
| 98 | 100 | 1 | Vogel C, Moser SC, Kasperson RE, Dabelko GD: Linkingvulnerability, adaptation, and resilience science to practice:pathways, players, and partnerships. Glob Environ Change2007, 17:349-364. |
| 99 | 101 | 1 | Tengö M, Brondizio ES, Elmqvist T, Malmer P, Spierenburg M:Connecting diverse knowledge systems for enhancedecosystem governance: the multiple evidence base approach.Ambio 2014, 43:579-591. |
| 100 | 102 | 1 | Marshall F: Recognising sustainability frontiers in the periurban. South Asian Water Stud 2016, 5:98-102. |
| 101 | 103 | 1 | Jasanoff S (Ed): States of Knowledge: the Co-production ofScience and Social Order. London: Routledge; 2004. |
| 102 | 104 | 1 | Pereira L, Karpouzoglou T, Doshi S, Frantzeskaki N: Organising asafe space for navigating social-ecological transformations tosustainability. Int J Environ Res Public Health 2015, 12:6027-6044. |
| 103 | 105 | 1 | Pereira L, Frantzeskaki N, Hebinck A, Charli L, Scott J, Dyer M:Transformative spaces in the making : key lessons from ninecases in the Global South. Sustain Sci 2019:1-18. |
| 106 | 108 | 1 | Pereira L, Drimie S, Zgambo O, Biggs RO: Planning for change:Transformation Labs for an alternative food system in the WesternCape. . Stellenbosch, South Africa 2018. |
| 107 | 109 | 1 | Ely A, Marin A: Learning about ‘Engaged Excellence’ across transformative knowledge network. IDS Bull 2016, 47 |
| 108 | 110 | 1 | Sharpe B, Hodgson A, Leicester G, Lyon A, Fazey I: Threehorizons: a pathways practice for transformation. Ecol Soc2016, 21:47. |
| 109 | 111 | 1 | Yang A, Jiang L, Ely C: A study of ’Green Unemployed Groups’from a resilience perspective. Guizhou Soc Sci 2018, 347:135-142. |
| 110 | 112 | 1 | Eakin H, Shelton R, Siqueiros-Garcia JM, Charli-Joseph L,Manuel-Navarrete D: Loss and social-ecologicaltransformation: Pathways of change in Xochimilco, Mexico.Ecol Soc 2020, 24(3):1-15. |
| 111 | 113 | 1 | Eames M, Mcdowall W: Sustainability, foresight andcontested futures: exploring visions and pathways in thetransition to a hydrogen economy. Technol Anal StrategManag 2010, 22:671-692. |
| 112 | 114 | 1 | Stirling A: How deep is incumbency? A ’configuring fields’approach to redistributing and reorienting power in socio-material change. Energy Res Soc Sci 2019, 58:101239. |
| 113 | 115 | 1 | Abrol D: Intervening for the sustainable transformation of urban environment and water management in Gurgaon: learning from the creation of a multistakeholder platform in India. Front Environ Health Rev 2020. Forthcoming |