

## Videos

Title	Link	Content
IUCN: Championing nature-based solutions	<a href="https://www.youtube.com/watch?v=-3nobLGK02A&amp;ab_channel=IUCN%2CInternationalUnionforConservationofNature">https://www.youtube.com/watch?v=-3nobLGK02A&amp;ab_channel=IUCN%2CInternationalUnionforConservationofNature</a>	EEA Report No 1/2021: Working with nature can help prevent the worst impacts of climate change, and biodiversity and ecosystem loss. Nature-based solutions offer ways to do this. Science and policy have begun to recognise their potential.
Ecological River Restoration in Colorado, USA (Nature-based Solutions)	<a href="https://www.youtube.com/watch?v=02fkZhEYVPY&amp;ab_channel=TerraconEcotech">https://www.youtube.com/watch?v=02fkZhEYVPY&amp;ab_channel=TerraconEcotech</a>	The video visits the North American continent to explore how riparian ecosystem restoration and strategies to improve river hydrology can be implemented effectively.
Trinity River Restoration Program - Dutch Creek Restoration Project	<a href="https://www.youtube.com/watch?v=LsxazO1LRZs&amp;ab_channel=TrinityRiver%2CCA">https://www.youtube.com/watch?v=LsxazO1LRZs&amp;ab_channel=TrinityRiver%2CCA</a>	
Webinar recording - Nature-based solutions for climate change in the UK	<a href="https://www.youtube.com/watch?v=rZudWbxUKHI&amp;ab_channel=BritishEcologicalSociety">https://www.youtube.com/watch?v=rZudWbxUKHI&amp;ab_channel=BritishEcologicalSociety</a>	The launch of the British Ecological Society's landmark report on nature-based solutions for climate change. Held on Wed 12 May 2021
Webinar recording - Nature-based solutions for climate change: from global ambition to local action	<a href="https://www.youtube.com/watch?v=WNUvo39HC_0&amp;ab_channel=IIED">https://www.youtube.com/watch?v=WNUvo39HC_0&amp;ab_channel=IIED</a>	On 22 May, 2020, the International Day of Biological Diversity, the International Institute for Environment and Development (IIED) hosted a webinar to discuss how we can translate the global ambition around nature-based solutions for climate change into local action.

## Key Projects, Platforms and Initiatives

Project, platform or initiative	Website
BiodivERsA	<a href="http://www.biodiversa.org/">http://www.biodiversa.org/</a>
Biodiversity Information System for Europe (BISE)	<a href="https://biodiversity.europa.eu/">https://biodiversity.europa.eu/</a>
CitiesWithNature	<a href="https://www.citieswithnature.org/">https://www.citieswithnature.org/</a>
CLEARING HOUSE project	<a href="http://clearinghouseproject.eu/">http://clearinghouseproject.eu/</a>
CLEVER Cities project	<a href="https://clevercities.eu/">https://clevercities.eu/</a>
CONNECTING Nature project	<a href="https://connectingnature.eu/">https://connectingnature.eu/</a>
EC Disaster Risk Management Knowledge Centre (DRMKC)	<a href="https://drmkc.jrc.ec.europa.eu/">https://drmkc.jrc.ec.europa.eu/</a>
EdiCitNet project	<a href="https://www.edicitnet.com/">https://www.edicitnet.com/</a>
EKLipse	<a href="http://www.eclipse-mechanism.eu/">http://www.eclipse-mechanism.eu/</a>
EnRoute project	<a href="https://oppla.eu/groups/enroute">https://oppla.eu/groups/enroute</a>
European Climate Adaptation Platform Climate-ADAPT	<a href="https://climate-adapt.eea.europa.eu/">https://climate-adapt.eea.europa.eu/</a>
European Commission	<p><a href="https://ec.europa.eu/info/research-and-innovation/research-area/environment/nature-based-solutions_en">https://ec.europa.eu/info/research-and-innovation/research-area/environment/nature-based-solutions_en</a></p> <p><b>including:</b></p> <p><b>Evaluating the impact of nature-based solutions - A handbook for practitioners</b>  <a href="https://op.europa.eu/en/publication-detail/-/publication/d7d496b5-ad4e-11eb-9767-01aa75ed71a1/language-en/format-PDF/source-206665393">https://op.europa.eu/en/publication-detail/-/publication/d7d496b5-ad4e-11eb-9767-01aa75ed71a1/language-en/format-PDF/source-206665393</a></p> <p><b>Evaluating the impact of nature-based solutions - Appendix of methods</b>  <a href="https://op.europa.eu/en/publication-detail/-/publication/6da29d54-ad4e-11eb-9767-01aa75ed71a1/language-en/format-PDF/source-206666027">https://op.europa.eu/en/publication-detail/-/publication/6da29d54-ad4e-11eb-9767-01aa75ed71a1/language-en/format-PDF/source-206666027</a></p>
Green City Accord	<a href="https://ec.europa.eu/environment/topics/urban-environment/green-city-accord_en">https://ec.europa.eu/environment/topics/urban-environment/green-city-accord_en</a>
GREENPASS	<a href="https://greenpass.io/">https://greenpass.io/</a>
GROW GREEN project	<a href="http://growgreenproject.eu/">http://growgreenproject.eu/</a>
Inspiration project	<a href="http://www.inspiration-h2020.eu/">http://www.inspiration-h2020.eu/</a>

<b>IUCN Nature-based Solutions theme</b>	<a href="https://www.iucn.org/theme/nature-based-solutions">https://www.iucn.org/theme/nature-based-solutions</a>
<b>Mapping and Assessment of Ecosystems and their Services (MAES)</b>	<a href="https://ec.europa.eu/environment/nature/knowledge/ecosystem_assessment/index_en.htm">https://ec.europa.eu/environment/nature/knowledge/ecosystem_assessment/index_en.htm</a>
<b>NAIAD project</b>	<a href="http://naiad2020.eu">http://naiad2020.eu</a>
<b>Natural Water Retention Measures NWRM platform</b>	<a href="http://nwrn.eu/">http://nwrn.eu/</a>
<b>Nature4Cities project</b>	<a href="https://www.nature4cities.eu/">https://www.nature4cities.eu/</a>
<b>Nature-based Enterprises (NBE) platform</b>	<a href="https://connectingnature.eu/nature-based-enterprises-0">https://connectingnature.eu/nature-based-enterprises-0</a>
<b>NATURVATION project</b>	<a href="https://naturvation.eu/">https://naturvation.eu/</a>
<b>NetworkNature</b>	<a href="https://networknature.eu/">https://networknature.eu/</a>
<b>OpenNESS project</b>	<a href="http://www.openness-project.eu/">http://www.openness-project.eu/</a>
<b>OPERAs project</b>	<a href="https://www.operas-project.eu/">https://www.operas-project.eu/</a>
<b>OPERANDUM project</b>	<a href="https://www.operandum-project.eu">https://www.operandum-project.eu</a>
<b>PEDRR Network for Europe and North America</b>	<a href="https://pedrr.org/connect-and-network/europe-and-north-america/">https://pedrr.org/connect-and-network/europe-and-north-america/</a>
<b>PHUSICOS project</b>	<a href="https://phusicos.eu">https://phusicos.eu</a>
<b>proGReg project</b>	<a href="http://www.progireg.eu">www.progireg.eu</a>
<b>RAMSES project</b>	<a href="http://www.ramses-cities.eu">www.ramses-cities.eu</a>
<b>RECONNECT project</b>	<a href="http://www.reconnect.eu/">http://www.reconnect.eu/</a>
<b>REGREEN project</b>	<a href="https://www.regreen-project.eu/">https://www.regreen-project.eu/</a>
<b>RESIN project</b>	<a href="http://www.resin-cities.eu">www.resin-cities.eu</a>
<b>Smart Mature Resilience project</b>	<a href="http://smr-project.eu">http://smr-project.eu</a>
<b>ThinkNature</b>	<a href="https://www.think-nature.eu/">https://www.think-nature.eu/</a>
<b>UNaLab project</b>	<a href="https://unalab.eu/en">https://unalab.eu/en</a>
<b>URBAN GreenUP project</b>	<a href="https://www.urbangreenup.eu/">https://www.urbangreenup.eu/</a>
<b>URBiNAT project</b>	<a href="http://www.urbinat.eu">www.urbinat.eu</a>
<b>University of Oxford Nature-based Solutions initiative</b>	<a href="https://www.naturebasedsolutionsinitiative.org">https://www.naturebasedsolutionsinitiative.org</a>

## Key summary knowledge items and policy briefs

Title	Publication (link)	Content
Nature-based solutions in Europe: Policy, knowledge and practice for climate change adaptation and disaster risk reduction	<a href="https://www.eea.europa.eu/publications/nature-based-solutions-in-europe">https://www.eea.europa.eu/publications/nature-based-solutions-in-europe</a>	EEA Report No 1/2021: Working with nature can help prevent the worst impacts of climate change, and biodiversity and ecosystem loss. Nature-based solutions offer ways to do this. Science and policy have begun to recognise their potential.
Science for Environment Policy Future Brief – the solutions is in nature	<a href="https://ec.europa.eu/environment/integration/research/newsalert/pdf/issue-24-2021-02-the-solution-is-in-nature.pdf">https://ec.europa.eu/environment/integration/research/newsalert/pdf/issue-24-2021-02-the-solution-is-in-nature.pdf</a>	Future Briefs are a series of horizon-scanning policy briefs, which provide an accessible overview of emerging areas of science and technology. The research collated in this brief confirms that NbS deliver simultaneously multiple benefits and shows the wide-ranging beneficial impacts of scaling up their implementation across Europe.
Science for Environment Policy Future Brief – the solutions is in nature	<a href="https://ec.europa.eu/environment/integration/research/newsalert/multimedia/the_solution_is_in_nature_en.htm">https://ec.europa.eu/environment/integration/research/newsalert/multimedia/the_solution_is_in_nature_en.htm</a>	Video, infographics and report

<p>(multimedia)</p>		
<p>Nature-based solutions and their socio-economic benefits for Europe's recovery</p>	<p><a href="https://ieep.eu/publications/nature-based-solutions-and-their-socio-economic-benefits-for-europe-s-recovery">https://ieep.eu/publications/nature-based-solutions-and-their-socio-economic-benefits-for-europe-s-recovery</a></p>	<p>This briefing provides an overview of the wide range of socio-economic benefits that nature-based solutions can achieve alongside addressing the intertwined climate change and biodiversity loss crises.</p>
<p>Up-scaling of nature-based solutions for climate change</p>	<p><a href="https://ieep.eu/news/up-scaling-of-nature-based-solutions-for-climate-change#:~:text=Nature%2Dbased%20solutions%20are%20measures,benefits%20to%20human%20well%2Dbeing.">https://ieep.eu/news/up-scaling-of-nature-based-solutions-for-climate-change#:~:text=Nature%2Dbased%20solutions%20are%20measures,benefits%20to%20human%20well%2Dbeing.</a></p>	<p>In light of the global political recognition of nature-based solutions and the need to accelerate their uptake and use by actors across society, an international expert workshop on how to scale up nature-based solutions was organised in Brussels by the European Commission in February 2020. The workshop report provides further links to key knowledge items, policy initiatives and projects</p>
<p>EU Brazil Sector Dialogue on Nature-based solutions</p>	<p><a href="https://ec.europa.eu/info/publications/eu-brazil-sector-dialogue-nature-based-solutions_en">https://ec.europa.eu/info/publications/eu-brazil-sector-dialogue-nature-based-solutions_en</a></p>	<p>In this report, European and Brazilian experts analyse the occurrence and potential of NBS in Brazil, highlight good practices in the EU for possible adaptation to the Brazilian context, and contribute to the elaboration of a NBS</p>

		strategy in Brazil.
WWF – Nature based solutions for climate change	<a href="https://wwfeu.awsassets.panda.org/downloads/wwf_nature_based_solutions_for_climate_change_july_2020_final.pdf">https://wwfeu.awsassets.panda.org/downloads/wwf_nature_based_solutions_for_climate_change_july_2020_final.pdf</a>	

## Key References

Author	Publication (link)	Content
Albert, C. (2021)	<a href="#">Planning and governing nature-based solutions in river landscapes: Concepts, cases, and insights</a>	
Bulkeley, H. (2020)	<a href="#">Nature-based solutions for climate mitigation</a>	Addresses NBS primarily as measures that conserve, restore or enhance forests, wetlands, grasslands and agricultural lands to either reduce CO <sub>2</sub> emissions or sequester and store atmospheric CO <sub>2</sub> , and how NBS can reduce energy demand.
Bulkeley, H. (2020)	<a href="#">Nature-based solutions towards sustainable communities</a>	
Bulkeley, H & Davis, M (2020)	Nature-based solutions: Harnessing the potential for ambitious post-2020 biodiversity outcomes. Towards Post-2020: Expertise On #7. August 2020. <a href="https://www.ecologic.eu/17636">https://www.ecologic.eu/17636</a>	
Calfapietra, C. (2020)	<a href="#">Nature-based solutions for microclimate regulation and air quality</a>	Focuses on the role of NBS in local climate regulation and air quality improvement, and the implications of NBS impacts on the local climate and air quality to human health and well-being.
Dasgupta, P. (2021)	<a href="#">The Economics of Biodiversity: The Dasgupta Review</a>	
Davis et al. (2018)	Nature-based solutions in European and national policy frameworks.	

	Deliverable 1.5, NATURVATION. Horizon 2020 Grant Agreement No 730243, European Commission, 50 pp. <a href="https://www.ecologic.eu/15856">https://www.ecologic.eu/15856</a>	
de Luca, C.; Naumann, S.; Davis, M.; Tondelli, S. (2021)	Nature-Based Solutions and Sustainable Urban Planning in the European Environmental Policy Framework: Analysis of the State of the Art and Recommendations for Future Development. <i>Sustainability</i> 2021, 13, 5021. <a href="https://doi.org/10.3390/su13095021">https://doi.org/10.3390/su13095021</a>	
Dumitru, A., Wendling, L. (2021)	<a href="#"><i>Evaluating the impact of nature-based solutions: A handbook for practitioners</i></a>	
Dumitru, A., Wendling, L. (2021)	<a href="#"><i>Evaluating the impact of nature-based solutions: Appendix of methods</i></a>	
European Environment Agency (2021)	<a href="#"><i>Nature-based solutions in Europe: Policy, knowledge and practice for climate change adaptation and disaster risk reduction</i></a>	
IPBES Reports	Regional & sub-Regional assessments of biodiversity and ecosystem services – multiple ( <a href="https://ipbes.net/assessing-knowledge">https://ipbes.net/assessing-knowledge</a> )	
IPBES (2018)	<a href="#"><i>Land Degradation Assessment</i></a>	
IPBES (2019)	<a href="#"><i>Global Assessment Report on Biodiversity and Ecosystem Services</i></a>	
Kopsieker L., Gerritsen E., Stainforth T., Lucic A., Costa Domingo G., Naumann S., Röschel L. and Davis M. (2021)	<i>Nature-based solutions and their socio-economic benefits for Europe's recovery: Enhancing the uptake of nature-based solutions across EU policies.</i> Policy briefing. <a href="https://www.ecologic.eu/17770">https://www.ecologic.eu/17770</a>	
IPCC (var.)	Multiple <a href="#">reports</a>	
Mačiulytė, E., Durieux, E. (2020)	<a href="#"><i>Public procurement of nature-based solutions. Addressing barriers to the procurement of NBS: case studies and recommendations</i></a>	
Naumann, S., Davis, M. (2020)	<a href="#"><i>Biodiversity and nature-based solutions</i></a>	Addresses the linkages between NBS and biodiversity protection and/or enhancement, governance-related enablers to deliver biodiversity benefits through NBS implementation, and business

		models and financing approaches that support NBS targeting biodiversity enhancement. Reviews the evidence base on NBS for biodiversity through discussion of the biodiversity outcomes of several EU-funded NBS projects.
NATURVATION EC H2020 project	<a href="#">Urban Nature Atlas</a> (online resource)	
PEDRR & FEBA (2020)	<a href="#">Promoting NbS in the Post-2020 Global Biodiversity Framework</a>	
UN Convention on Biological Diversity (2020)	<a href="#">5th Global Biodiversity Outlook</a>	
UNEP (2021)	<a href="#">Adaptation Gap Report 2020</a>	
UNEP (2021)	Synthesis report <a href="#">Making Peace with Nature</a>	
Vojinovic, Z. (2020)	<a href="#">Nature-based solutions for flood mitigation and coastal resilience</a>	Reviews and summarises results from EU-funded NBS projects related to disaster risk reduction, water security and resilience to climate change. Identifies and discusses knowledge gaps related to NBS scale and their performance and impact, and opportunities for more explicit inclusion of NBS in European and Member States' policy instruments.
Wild, T. (2020)	<a href="#">Nature-based solutions improving water quality &amp; waterbody conditions</a>	Summarises outcomes of NBS projects related to water quality and waterbody conditions, framing the outcomes of these projects within European water policy instruments.
Wild, T., Freitas, T., Vandewoestijne, S. (2020)	<a href="#">Nature-based Solutions: State of the Art in EU-funded projects</a>	Summary of outcomes and evidence from 'Valorisation of NBS Projects' initiative, which scanned EU R&I projects for results pertaining to NBS in key areas of policy implementation and development. Evidence from case studies is framed within knowledge from literature to illustrate the current state of the art and how NBS can address societal challenges.
World Economic Forum (2021)	<a href="#">Global Risks Report 2021: 16th Edition</a>	



## NBS for rivers

Author	Publication (link)	Content
IUCN Nature-based solutions and their application in river basin management	<a href="https://www.iucn.org/sites/dev/files/content/documents/nbs_workshop-bridge_gbm_report_3-june2018.pdf">https://www.iucn.org/sites/dev/files/content/documents/nbs_workshop-bridge_gbm_report_3-june2018.pdf</a>	Addresses NBS primarily as measures that conserve, restore or enhance forests, wetlands, grasslands and agricultural lands to either reduce CO <sub>2</sub> emissions or sequester and store atmospheric CO <sub>2</sub> , and how NBS can reduce energy demand.
Planning and governing nature-based solutions in river landscapes: Concepts, cases, and insights	<a href="https://link.springer.com/article/10.1007/s13280-021-01569-z">https://link.springer.com/article/10.1007/s13280-021-01569-z</a>	
Room for the River	<a href="https://www.nature-basedsolutions.com/page/360/room-for-the-river">https://www.nature-basedsolutions.com/page/360/room-for-the-river</a>	
Use nature-based solutions to reduce flooding in your area	<a href="https://www.gov.uk/guidance/use-nature-based-solutions-to-reduce-flooding-in-your-area">https://www.gov.uk/guidance/use-nature-based-solutions-to-reduce-flooding-in-your-area</a>	
Nature based solutions in lake and river restoration in Finland	<a href="https://www.riob.org/sites/default/files/4-inbo_16062019_amv.pdf">https://www.riob.org/sites/default/files/4-inbo_16062019_amv.pdf</a>	
Building with nature is possible everywhere	<a href="https://www.deltares.nl/en/issues/building-with-nature-is-possible-everywhere/">https://www.deltares.nl/en/issues/building-with-nature-is-possible-everywhere/</a>	
Building Nature Based Solutions	<a href="https://www.riverstrust.org/our-work/nature-based-solutions">https://www.riverstrust.org/our-work/nature-based-solutions</a>	