Annexe ❶ – Liste des 252 publications lues pour la rédaction de cette synthèse et classées par principal bénéfice considéré dans la publication.

Détail de la méthodologie utilisée pour la revue de la littérature

1. La recherche documentaire a été effectuée via la base de données Scopus (Elsevier), qui couvre un large éventail de publications scientifiques dans toutes les disciplines. Plusieurs requêtes ont été réalisées en combinant des mots-clés tels que « *riparian vegetation* », « *riverbank forest* », « *riparian ecology* », « *river restoration* », « *ecosystem services* », « *biodiversity* » et « ripisylves ». Ces requêtes ont été actualisées pour la dernière fois le 31 mars 2025.
2. Les résultats obtenus ont été filtrés selon leur pertinence thématique, en s'appuyant sur l'analyse du titre, du résumé et des mots-clés de chaque publication. Seules les études apportant des éléments substantiels sur les bénéfices associés aux ripisylves ont été retenues.
3. Cette première sélection a ensuite été enrichie grâce à l'expertise des co-auteurs, ainsi que par l'intégration de publications citées dans les articles retenus, identifiées au fil des lectures.
4. Les 252 publications jugées pertinentes ont été lues et analysées en détail. Celles-ci ont été classées selon le bénéfice principal associé aux ripisylves traité dans l'étude, afin de structurer la synthèse et cette annexe de manière thématique.

Référence	Titre
Synthèses	
Bajracharya *et al.* (2023)	The Heterogeneity of Ecosystem Services across the Riverine Landscape of the Koshi River Basin, Nepal
Broadmeadow et Nisbet (2004)	The effects of riparian forest management on the freshwater environment: a literature review of best management practice
Capon *et al.* (2013)	Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?
Capon *et al.* (2021)	Future of Freshwater Ecosystems in a 1.5°C Warmer World
Castellano *et al.* (2022)	Environmental drivers for riparian restoration success and ecosystem services supply in Mediterranean agricultural landscapes
Castelle *et al.* (1994)	Wetland and Stream Buffer Size Requirements—A Review
Cole *et al.* (2020)	Managing riparian buffer strips to optimise ecosystem services: A review
Cooke *et al.* (2022)	Our failure to protect the stream and its valley: A call to back off from riparian development
Correll (2005)	Principles of planning and establishment of buffer zones
Daigneault *et al.* (2017)	A national riparian restoration programme in New Zealand: Is it value for money?
Dufour*et al.* (2019)	Tracing the scientific trajectory of riparian vegetation studies: Main topics, approaches and needs in a globally changing world
Evette *et al.* (2022)	Le génie végétal sur les berges de cours d'eau : des techniques aux multiples bénéfices
Feld *et al.* (2011)	From Natural to Degraded Rivers and Back Again: a Test of Restoration Ecology Theory and Practice
Feld *et al.* (2018)	Evaluating riparian solutions to multiple stressor problems in river ecosystems - A conceptual study
FNE Aura (2019)	Préserver et restaurer les ripisylves : un enjeu de biodiversité
Graziano *et al.*. (2022)	Riparian Buffers as a Critical Landscape Feature: Insights for Riverscape Conservation and Policy Renovations
Haase *et al.* (2025)	Successes and failures of conservation actions to halt global river biodiversity loss
Huylenbroeck *et al.* (2019)	Guide de gestion des ripisylves
Lee *et al.* (2004)	Quantitative review of riparian buffer width guidelines from Canada and the United States
Lynch *et al.* (2023)	People need freshwater biodiversity
Naiman et Decamps (1997)	The ecology of interfaces—Riparian Zones
Ogilvy *et al.* (2022)	Riverwoods for Scotland - Report on Scientific Evidence
Petsch *et al.* (2022)	Ecosystem services provided by river-floodplain ecosystems
Piczak *et al.* (2023)	Protecting and restoring habitats to benefit freshwater biodiversity
Riis *et al.* (2020)	Global Overview of Ecosystem Services Provided by Riparian Vegetation
Rodriguez-Gonzalez *et al.* (2022)	Bringing the margin to the focus: 10 challenges for riparian vegetation science and management
Seavy *et al.* (2009)	Why Climate Change Makes Riparian Restoration More Important than Ever: Recommendations for Practice and Research
Singh *et al.* (2021)	Managing riparian zones for river health improvement: an integrated approach
Stella *et al.* (2013)	Riparian vegetation research in Mediterranean-climate regions: common patterns, ecological processes, and considerations for management
Tonkin *et al.* (2019)	Prepare river ecosystems for an uncertain future
Villar *et al.* (2025)	Ripisylves et forêts alluviales : Connaissances et gestion en contexte de changements globaux
Wenger (1999)	A Review of the Scientific Literature on Riparian Buffer Width, Extent and Vegetation

Wilby *et al.* (2010)	Evidence needed to manage freshwater ecosystems in a changing climate: Turning adaptation principles into practice
Witing *et al.* (2022)	Riparian reforestation on the landscape scale: Navigating trade-offs among agricultural production, ecosystem functioning and biodiversity
Zhang *et al.* (2022b)	Riparian areas as a conservation priority under climate change
Création de corridors écologiques et effets sur la biodiversité terrestre	
Antonini *et al.* (na)	Riparian forest restoration as sources of biodiversity and ecosystem functions in anthropogenic landscapes
Ballinger et Lake (2006)	Energy and nutrient fluxes from rivers and streams into terrestrial food webs
Capon et Pettit (2018)	Turquoise is the new green: Restoring and enhancing riparian function in the Anthropocene
Clauzel *et al.* (2023)	Analyser la connectivité de la trame turquoise : définition, caractérisation et enjeux opérationnels
Cole *et al.* (2015)	Riparian buffer strips: Their role in the conservation of insect pollinators in intensive grassland systems
Fussel et Corbet 1992	Flower Usage by Bumble-Bees: A Basis for Forage Plant Management
Hilty et Merenlender (2004)	Use of Riparian Corridors and Vineyards by Mammalian Predators in Northern California
Lan *et al.* (2024)	Natural riparian vegetation as corridors to promote bee diversity and pollination services in an urban landscape
Landis *et al.* (2000)	Habitat Management to Conserve Natural Enemies of Arthropod Pests in Agriculture
Maisonneuve et Rioux (2001)	Importance of riparian habitats for small mammal and herpetofaunal communities in agricultural landscapes of southern Québec
Naiman *et al.* (1993)	The Role of Riparian Corridors in Maintaining Regional Biodiversity
Raitif *et al.* (2019)	From stream to land: Ecosystem services provided by stream insects to agriculture
Silva *et al.* (2019)	Riparian forest fragments in rice fields under different management: differences on hymenopteran parasitoids diversity
Tockner et Ward (1999)	Biodiversity along riparian corridors
Turo et Gardiner 2021	Effects of urban greenspace configuration and native vegetation on bee and wasp reproduction
Zhang *et al.* (2022a)	Pollinators and urban riparian vegetation: important contributors to urban diversity conservation
Apport de matières organiques et d'organismes terrestres au cours d'eau	
Alonso *et al.* (2021)	Loss of key riparian plant species impacts stream ecosystem functioning
Baxter *et al.* (2005)	Tangled webs: reciprocal flows of invertebrate prey link streams and riparian zones
Burbank *et al.* (2022)	Seasonal consumption of terrestrial prey by a threatened stream fish is influenced by riparian vegetation
Cloe III et Garman (1996)	The energetic importance of terrestrial arthropod inputs to three warm-water streams
Grunblatt *et al.* (2019)	Invertebrate prey contributions to juvenile Coho Salmon diet from riparian habitats along three Alaska streams: Implications for environmental change
Knight et Bottorff (1981)	The importance of riparian vegetation to stream ecosystems
Middendorf *et al.* (2025)	Review of the importance of aquatic prey for riparian arthropod predators
Nakamura et Yamada 2005	Effects of pasture development on the ecological functions of riparian forests in Hokkaido in northern Japan
Ober et Hayes (2008)	Influence of forest riparian vegetation on abundance and biomass of nocturnal flying insects
O'Brien *et al.* (2017)	Leaf litter additions enhance stream metabolism, denitrification, and restoration prospects for agricultural catchments
Oester *et al.* (2023)	Leaf-associated macroinvertebrate assemblage and leaf litter breakdown in headwater streams depend on local riparian vegetation
Swan et Sparkman (2023)	The role of functional and phylogenetic diversity in riparian tree vegetation on leaf litter breakdown in rivers
Wallace *et al.* (1997)	Multiple trophic levels of a forest stream linked to terrestrial litter inputs
Diversification des habitats et effets sur les communautés aquatiques	
Abe *et al.* (2003)	Habitat Use of the Grazing Goby (Sicyopterus japonicus) in Response to Spatial Heterogeneity in Riparian Shade
Angermeier et Karr (1984)	Relationships between Woody Debris and Fish Habitat in a Small Warmwater Stream
Beechie *et al.* (1997)	Relationships between Channel Characteristics, Woody Debris, and Fish Habitat in Northwestern Washington Streams
Benke et Wallace (2003)	Influence of Wood on Invertebrate Communities in Streams and Rivers
Bisson et Wondzell (2003)	Influence of wood on aquatic biodiversity
Boyer *et al.* (2003)	Riparian management for wood in rivers
Bryant (1985)	Changes 30 years after logging in large woody debris, and its use by salmonids
Cederholm *et al.* (1997)	Response of Juvenile Coho Salmon and Steelhead to Placement of Large Woody Debris in a Coastal Washington Stream
Champagne *et al.* (2022)	Riparian buffers maintain aquatic trophic structure in agricultural landscapes

Coutant (2004)	A Riparian Habitat Hypothesis for Successful Reproduction of White Sturgeon
Crook et Robertson (1999)	Relationships between riverine fish and woody debris: implications for lowland rivers
Dolloff et Warren Jr (2003)	Fish relationships with large wood in small streams
Effert-Fanta *et al.* (2019)	Effects of riparian forest buffers and agricultural land use on macroinvertebrate and fish community structure
Everett et Ruiz (1993)	Coarse woody debris as a refuge from predation in aquatic communities
Flebbe et Dolloff (1995)	Trout Use of Woody Debris and Habitat in Appalachian Wilderness Streams of North Carolina
Glova et Sagar (1994)	Comparison of fish and macroinvertebrate standing stocks in relation to riparian willows (Salix spp.) in three New Zealand streams
Growns *et al.* (2003)	A comparison of fish assemblages associated with different riparian vegetation types in the Hawkesbury–Nepean River system
Gurnell *et al.* (1995)	The role of coarse woody debris in forest aquatic habitats: Implications for management
Hickford et Schiel (2013)	Artificial Spawning Habitats Improve Egg Production of a Declining Diadromous Fish, Galaxias maculatus (Jenyns, 1842)
Jowett *et al.* (2009)	Effects of riparian manipulation on stream communities in small streams: Two case studies
Justice *et al.* (2017)	Can stream and riparian restoration offset climate change impacts to salmon populations?
Jyväsjärvi *et al.* (2022)	Dark matters: Contrasting responses of stream biofilm to browning and loss of riparian shading
Kankanamge *et al.* (2020)	Shading may alter the colonization pattern and dominance between two invasive submerged aquatic plant species
Kirk *et al.* (2022)	Forested watersheds mitigate the thermal degradation of headwater fish assemblages under future climate change
Le Gall *et al.* (2022)	Woody riparian buffers have indirect effects on macroinvertebrate assemblages of French rivers, but land use effects are much stronger
Lehtinen *et al.* (1997)	Autumn use of woody snags by fishes in backwater and channel border habitats of a large river
LeRoy *et al.* (2023)	Canopy development influences early successional stream ecosystem function but not biotic assemblages
Maridet et Souchon (1995)	Habitat potentiel de la truite fario (Salmo trutta fario, L. 1758) dans trois cours d'eau du Massif Central. Approche méthodologique et premiers résultats sur le rôle de la végétation rivulaire arborée
Maridet *et al.* (1996)	L'embâcle de bois en rivière : un bienfait écologique ? un facteur de risques naturels ?
Marsh-Matthews et Matthews (2000)	Geographic, terrestrial and aquatic factors: which most influence the structure of stream fish assemblages in the midwestern United States?
Murphy *et al.* (1981)	Effects of canopy modification and accumulated sediment on stream communities
Nagayama & Nakamura (2010)	Fish habitat rehabilitation using wood in the world
Palt *et al.* (2023)	Context-specific positive effects of woody riparian vegetation on aquatic invertebrates in rural and urban landscapes
Parkyn *et al.* (2003)	Planted Riparian Buffer Zones in New Zealand: Do They Live Up to Expectations?
Pettit *et al.* (2013)	Dynamics of in-stream wood and its importance as fish habitat in a large tropical floodplain river
Piegay et Maridet (1994)	Revue bibliographique - Formations végétales arborées riveraines des cours d'eau et potentialités piscicoles
Prenda*et al.* (2001)	Conservation of otter (Lutra lutra) in a Mediterranean area: the importance of habitat quality and temporal variation in water availability
Pusey *et al.* (2003)	Importance of the riparian zone to the conservation and management of freshwater fish: a review
Ramler et Keckeis (2020)	Effects of hydraulic engineering restoration measures on invasive gobies in a large river (Danube, Austria)
Reeves *et al.* (1993)	Diversity of Juvenile Anadromous Salmonid Assemblages in Coastal Oregon Basins with Different Levels of Timber Harvest
Reich *et al.* (2023)	Aquatic invertebrate responses to riparian restoration and flow extremes in three degraded intermittent streams: An eight-year field experiment
Roche *et al.* (2021)	The importance of rip-rap for round goby invasion success – a field habitat manipulation experiment
Roon *et al.* (2022)	Influence of riparian thinning on trophic pathways supporting stream food webs in forested watersheds
Sheldon *et al.* (2012)	Identifying the spatial scale of land use that most strongly influences overall river ecosystem health score
Stednick (2008)	Hydrological and biological responses to forest practices
Stowe *et al.* (2023)	Stream restoration produces transitory, not permanent, changes to fish assemblages at compensatory mitigation sites
Tolkkinen *et al.* (2020)	Streams and riparian forests depend on each other: A review with a special focus on microbes
Tolkkinen *et al.* (2021)	The Importance of Riparian Forest Cover to the Ecological Status of Agricultural Streams in a Nationwide Assessment
Turunen *et al.* (2021)	Riparian forests can mitigate warming and ecological degradation of agricultural headwater streams
Van Looy *et al.* (2013)	Benefits of riparian forest for the aquatic ecosystem assessed at a large geographic scale

Wohl *et al.* (2023)	Why wood should move in rivers?
Zalewski *et al.* (2003)	Fish relationships with wood in large rivers
Dissipation de l'énergie du courant, protection des berges, hydrologie et ressource en eau	
Aberle et Järvelä (2013)	Flow resistance of emergent rigid and flexible floodplain vegetation
Alvarenga (2017)	Hydrologic impacts due to the changes in riparian buffer in a headwater watershed
Baldocchi et Ryu (2011)	A synthesis of forest evaporation fluxes – from days to years – as measured with Eddy covariance
Beeson et Doyle (1995)	Comparison of bank erosion at vegetated and non-vegetated channel bends
Bosch (1979)	Treatment effect on annual and dry period streamflow at Cathedral Peak
Brauman *et al.* (2007)	The Nature and Value of Ecosystem Services: An Overview Highlighting Hydrologic Services
Coon (1998)	Estimation of Roughness Coefficients for Natural Stream Channels with Vegetated Banks
Dahm *et al.* (2002)	Evapotranspiration at the land/water interface in a semi-arid drainage basin
Darby (1999)	Effect of riparian vegetation on flow resistance and flood potential
Dawson *et al.* (2024)	Recent changes in riparian and floodplain vegetation in England and Wales and its geomorphic implications
Dawson et Ehleringer (1991)	Streamside trees that do not use stream water
Doody et Benyon (2011)	Quantifying water savings from willow removal in Australian streams
Dye et Poulter (1995)	A field demonstration of the effect on streamflow of clearing invasive pine and wattle trees from a riparian zone
Florsheim *et al.* (2008)	Bank erosion as a desirable attribute of rivers
Gay *et al.* (2023)	Riparian buffers increase future baseflow and reduce peakflows in a developing watershed
Gonzalez del Tanago *et al.* (2021)	Improving river hydromorphological assessment through better integration of riparian vegetation: Scientific evidence and guidelines
Gribovszki (2008)	Evapotranspiration calculation on the basis of the riparian zone water balance
Hubble *et al.* (2010)	The role of riparian trees in maintaining riverbank stability: A review of Australian experience and practice
Hughes *et al.* (2016)	Riparian management and stream bank erosion in New Zealand
Humbert et Najjar (1992)	Infuence de la forêt sur le cycle de l'eau en domaine tempéré
Keesstra *et al.* (2012)	Assessing riparian zone impacts on water and sediment movement: a new approach
Langendoen *et al.* (2009)	Assessing the impact of riparian processes on streambank stability
Li *et al.* (2017)	Water sources of Populus euphratica and Tamarix ramosissima in Ejina Delta, the lower reaches of the Heihe River, China
Li *et al.* (2023)	Quantifying river water contributions to the transpiration of riparian trees along a losing river: lessons from stable isotopes and an iteration method
Maes *et al.* (2009)	Assessment of Land Use Impact on Water-Related Ecosystem Services Capturing the Integrated Terrestrial-Aquatic System
Page *et al.* (2020)	Assessing the significance of wet-canopy evaporation from forests during extreme rainfall events for flood mitigation in mountainous regions of the United Kingdom
Penka (1991)	The water relations of the herb, shrub and tree layers in the floodplain forest
Prinsloo et Scott (1999)	Streamflow responses to the clearing of alien invasive trees from riparian zones at three sites in the western Cape province
Qian *et al.* (2017)	Water sources of riparian plants during a rainy season in Taihu Lake Basin, China: A stable isotope study
Riley *et al.* (2023)	Evaluating the spatial and temporal variability of groundwater uptake by riparian vegetation in a humid southeastern US catchment
Rood *et al.* (2015)	Biological bank protection: trees are more effective than grasses at resisting erosion from major river floods
Salemi *et al.* (2012)	Riparian vegetation and water yield: A synthesis
Scott *et al.* (2000)	The water use of two dominant vegetation communities in a semiarid riparian ecosystem.
Shields *et al.* (1995)	Control of streambank erosion due to bed degradation with vegetation and structure
Si *et al.* (2024)	Water use sources of desert riparian Populus euphratica forests
Simon et Collison (2002)	Quantifying the mechanical and hydrologic effects of riparian vegetation on streambank stability
Smakhtin (2001)	Low flow hydrology: a review
Symmank *et al.* (2020)	The impact of bioengineering techniques for riverbank protection on ecosystem services of riparian zones
Tabacchi *et al.* (2000)	Impacts of riparian vegetation on hydrological processes
Thomas et Nisbet (2007)	An assessment of the impact of floodplain woodland on flood flows
Thorne (1990)	Effects of vegetation on riverbank erosion and stability

Van Lill *et al.* (1980)	The effect of afforestation with Eucalyptus grandis and Pinus patula on streamflow from experimental catchments at Mokoobulan
Versfeld et Van Wilgen (1986)	Impact of woody aliens on ecosystem properties
Zhang *et al.* (2023)	Improved statistical models for the relationship between riparian vegetation and river flow in arid environments: Implications for flow management
Filtration des eaux de ruissellement, rétention des sédiments et amélioration de la qualité d'eau	
Aguiar *et al.* (2015)	Riparian buffer zones as pesticide filters of no-till crops
Anbumozhi *et al.* (2005)	Impact of riparian buffer zones on water quality and associated management considerations
Aparicio *et al.* (2023)	Modelling the role of ground-true riparian vegetation for providing regulating services in a Mediterranean watershed
Arora *et al.* (2010)	Review of Pesticide Retention Processes Occurring in Buffer Strips Receiving Agricultural Runoff
Dodds *et al.* (2023)	Trajectories and state changes of a grassland stream and riparian zone after a decade of woody vegetation removal
Hoffmann *et al.* (2009)	Phosphorus Retention in Riparian Buffers: Review of Their Efficiency
Lazzaro *et al.* (2008)	Role of hedgerows in intercepting spray drift: Evaluation and modelling of the effects
Mayer *et al.* (2005)	Riparian buffer width, vegetative cover, and nitrogen removal effectiveness: A review of current science and regulations
Mayer *et al.* (2007)	Meta-analysis of nitrogen removal in riparian buffers
Nsenga Kumwimba *et al.* (2023)	An updated review of the efficacy of buffer zones in warm/temperate and cold climates: Insights into processes and drivers of nutrient retention
Osborne et Kovacic (1993)	Riparian vegetated buffer strips in water-quality restoration and stream management
Parkyn (2004)	Review of Riparian Buffer Zone Effectiveness
Sabater *et al.* (2003)	Nitrogen Removal by Riparian Buffers along a European Climatic Gradient: Patterns and Factors of Variation
Sutton *et al.* (2009)	Effects of Restored Stream Buffers on Water Quality in Non-Tidal Streams in the Choptank River Basin
Tsai *et al.* (2022)	Efficacy of Riparian Buffers in Phosphorus Removal: A Meta-Analysis
Turunen *et al.* (2019)	Riparian forests mitigate harmful ecological effects of agricultural diffuse pollution in medium-sized streams
Ucar et Hall 2001	Windbreaks as a pesticide drift mitigation strategy: a review
Vidon *et al.* (2010)	Hot Spots and Hot Moments in Riparian Zones: Potential for Improved Water Quality Management
Atténuation du réchauffement des cours d'eau	
Barrett et Armstrong (2022)	Move, migrate, or tolerate: Quantifying three tactics for coldwater fish coping with warm summers in a large river
Beschta (1997)	Riparian Shade and Stream Temperature: An Alternative Perspective
Bowler *et al.* (2012)	What are the effects of wooded riparian zones on stream temperature?
Broadmeadow *et al.* (2011)	The Influence of Riparian Shade on Lowland Stream Water Temperatures in Southern England and Their Viability for Brown trout
Caissie (2006)	The thermal regime of rivers: a review
Chen *et al.* (1998a)	Stream Temperature Simulation of Forested Riparian Areas: I. Watershed-Scale Model Development
Chen *et al.* (1998b)	Stream Temperature Simulation of Forested Riparian Areas: II. Model Application
Dugdale *et al.* (2018)	Stream temperature under contrasting riparian forest cover: Understanding thermal dynamics and heat exchange processes
Fabris *et al.* (2018)	Integrating process based flow and temperature models to assess riparian forests and temperature amelioration in salmon streams
Fuller *et al.* (2022)	Riparian vegetation shade restoration and loss effects on recent and future stream temperatures
Fullerton *et al.* (2022)	Mechanistic simulations suggest riparian restoration can partly counteract climate impacts to juvenile salmon
Garner *et al.* (2014)	What causes cooling water temperature gradients in a forested stream reach?
Garner *et al.* (2017)	The role of riparian vegetation density, channel orientation and water velocity in determining river temperature dynamics
Grey *et al.* (2023)	Empirical evidence of climate change and urbanization impacts on warming stream temperatures
Jackson *et al.* (2017)	Development of spatial regression models for predicting summer river temperatures from landscape characteristics: Implications for land and fisheries management
Jackson *et al.* (2018)	A spatio-temporal statistical model of maximum daily river temperatures to inform the management of Scotland's Atlantic salmon rivers under climate change
Kail *et al.* (2021)	Woody buffer effects on water temperature: The role of spatial configuration and daily temperature fluctuations
Kalny *et al.* (2017)	The influence of riparian vegetation shading on water temperature during low flow conditions in a medium sized river

Knouft *et al.* (2021)	Forested Riparian Buffers as Climate Adaptation Tools for Management of Riverine Flow and Thermal Regimes: A Case Study in the Meramec River Basin
Leach *et al.* (2022)	Assessing stream temperature response and recovery for different harvesting systems in northern hardwood forests using 40 years of spot measurements
Marteau *et al.* (2022)	Riparian shading mitigates warming but cannot revert thermal alteration by impoundments in lowland rivers
Roon *et al.* (2021)	A riverscape approach reveals downstream propagation of stream thermal responses to riparian thinning at multiple scales
Seyedhashemi *et al.* (2022)	Regional, multi-decadal analysis reveals that stream temperature increases faster than air temperature
Studinski *et al.* (2012)	The effects of riparian forest disturbance on stream temperature, sedimentation, and morphology
Swartz et Warren (2023)	Wildfire in western Oregon increases stream temperatures, benthic biofilms, and juvenile coastal cutthroat trout size and densities with mixed effects on adult trout and coastal giant salamanders
Thomas *et al.* (2015)	Beyond cool: adapting upland streams for climate change using riparian woodlands
Trimmel *et al.* (2018)	Can riparian vegetation shade mitigate the expected rise in stream temperatures due to climate change during heat waves in a human-impacted pre-alpine river?
Turschwell *et al.* (2018)	Riparian restoration offsets predicted population consequences of climate warming in a threatened headwater fish
Warren *et al.* (2022)	Loss of riparian forests from wildfire led to increased stream temperatures in summer, yet salmonid fish persisted
Yonce *et al.* (2021)	Forest riparian buffers reduce timber harvesting effects on stream temperature, but additional climate adaptation strategies are likely needed under future conditions
Stockage du carbone dans la biomasse végétale et les sols	
Appling (2012)	Connectivity Drives Function: Carbon and Nitrogen Dynamics in a Floodplain-Aquifer Ecosystem
Appling *et al.* (2014)	Floodplain biogeochemical mosaics: A multidimensional view of alluvial soils
Cierjacks *et al.* (2010)	Carbon stocks of soil and vegetation on Danubian floodplain
Dybala *et al.* (2019a)	Carbon sequestration in riparian forests: A global synthesis and meta-analysis
Dybala *et al.* (2019b)	Optimizing carbon storage and biodiversity co-benefits in reforested riparian zones
EFESE (2019)	La séquestration de carbone par les écosystèmes en France
Giese *et al.* (2003)	Biomass and carbon pools of disturbed riparian forests
Matzek *et al.* (2018)	Development of a carbon calculator tool for riparian forest restoration
Matzek *et al.* (2020)	Increases in soil and woody biomass carbon stocks as a result of rangeland riparian restoration
Rosário Fernandes *et al.* (2020)	Carbon Stock Estimations in a Mediterranean Riparian Forest: A Case Study Combining Field Data and UAV Imagery
Shupe (2023)	Carbon stocks and sequestration rates of hardwood floodplain forests along the Middle Elbe River, Germany
Shupe *et al.* (2022a)	Droughts decrease and floods increase carbon sequestration rates of Quercus robur in hardwood floodplain forests
Shupe *et al.* (2022b)	Adapting a Quercus robur allometric equation to quantify carbon sequestration rates on the Middle Elbe floodplain
Suchenwirth *et al.* (2014)	Large-Scale Mapping of Carbon Stocks in Riparian Forests with Self-Organizing Maps and the k-Nearest-Neighbor Algorithm
Sutfin *et al.* (2016)	Banking carbon: a review of organic carbon storage and physical factors influencing retention in floodplains and riparian ecosystems
Apports immatériels et matériels pour les humains	
Bowker et Bergstrom (2017)	Wild and scenic rivers: An economic perspective
Saklaurs *et al.* (2022)	Social Perception of Riparian Forests
Autres	
Abeli et Di Giulio (2022)	Risks of massive tree planting in Europe should be considered by the EU Forestry Strategy 2030
Alimpic *et al.* (2022)	The status and role of genetic diversity of trees for the conservation and management of riparian ecosystems: A European experts' perspective
Balian et Naiman (2005)	Abundance and production of riparian trees in the lowland floodplain of the Queets River, Washington
Barragan *et al.* (2022)	Trees planted under a global restoration pledge have mixed futures under climate change
Boelee *et al.* (2017)	Overcoming water challenges through nature-based solutions
Boncourt *et al.* (2024)	Le génie végétal au secours de la connectivité écologique des berges de cours d'eau
Boyer *et al.* (2023)	La gestion de la végétation dans le cadre de la compétence GEMAPI
Brosse *et al.* (2022)	The importance of indirect effects of climate change adaptations on alpine and pre-alpine freshwater systems
De Carlo *et al.* (2019)	Carbon dioxide emissions: Spatiotemporal variation in a young and mature riparian forest

Diaz *et al.* (2018)	Assessing nature's contributions to people
Didier *et al.* (2024)	Conseils pratiques pour l'utilisation du bouturage pour le génie végétal en berges de cours d'eau
Diep et McPhearson (2022)	Nature-based solutions for global climate adaptation
Dufour (2020)	Regards de gestionnaires sur la gestion de la végétation riveraine des cours d'eau en france métropolitaine
Foley-Congdon *et al.* (2024)	Revegetated riparian areas are dominated by weeds, and lack structural diversity and natural recruitment: lessons for restoration practice
FRB (2021)	La régénération naturelle des paysages arborés : la meilleure stratégie pour lutter contre le changement climatique et restaurer les écosystèmes ?
Garnier (2025)	Les ripisylves « objet juridique non identifié » : revue synthétique des règlementations pouvant s'y appliquer, et éventuellement assurer leur protection
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