

Living Shoreline and Natural Shoreline Management Practitioner Training

Programs

Submitted by Webinar Participants

This is an informal list of training and certification programs focused on designing, installing, and monitoring living shorelines, nature-based shorelines, and other coastal nature-based solutions. Including a program in this list does not imply NOAA's endorsement. We hope that this list will be a helpful resource for you.

Great Lakes

- Ohio Nature-Based Shoreline Training and StoryMap:
ohiodnr.gov/discover-and-learn/safety-conservation/about-odnr/coastal-management/ohio-coastal-mgmt-program/nature-based-shorelines
- Michigan Certified Natural Shoreline Professional (CNSP) Training:
shorelinepartnership.org/contractor-training.html

Gulf of Mexico

- Mississippi State University Living Shoreline Contractor Training:
msucoastal.com/living-shorelines/
- Mississippi - Alabama Sea Grant Contractor Resources:
masgc.org/living-shorelines/contractor-resources

Mid-Atlantic

- Chesapeake Bay Landscape Professional Living Shoreline Training certificate (CBLP–Shorelines, upcoming trainings in Maryland and Virginia):
certified.cblpro.org/cblp-shorelines/
- Delaware Living Shorelines: delawarelivingshorelines.org and delawarelivingshorelines.org/trainings-workshops
- Learning Sessions for Coastal Resilience in the Chesapeake Bay:
epa.gov/water-research/learning-sessions-coastal-resilience-chesapeake-bay
- New Jersey Living Shorelines Grants & Technical Assistance Program:
coastalresilience.org/nj-living-shoreline-grants/

- New Jersey Living Shoreline Engineering Guidelines:
[nj.gov/dep/cmp/docs/living-shorelines-engineering-guidelines-final.pdf](https://www.nj.gov/dep/cmp/docs/living-shorelines-engineering-guidelines-final.pdf)
- Virginia Institute of Marine Science Living Shorelines Training:
https://www.vims.edu/ccrm/outreach/living_shorelines/
- Virginia Institute of Marine Science Design Guidance:
vims.edu/research/units/programs/ssp/shoreline_management/living_shorelines/class_info
- Living Shorelines Design Training recording (Virginia):
[youtube.com/watch?v=ORzwm0G-tTw](https://www.youtube.com/watch?v=ORzwm0G-tTw)

Northeast

- Great Bay National Estuarine Research Reserve Living Shoreline Project training program:
greatbay.org/61190-2/
- Natural Shoreland Erosion Control Certification (Vermont):
dec.vermont.gov/watershed/lakes-ponds/lakeshores-lake-wise/nsecc
- New England Living Shoreline Guide:
northeastoceancouncil.org/wp-content/uploads/2022/04/Living-Shorelines-Site-Characterization-and-Performance-Monitoring-Guidance-2022.pdf
- Northeast Regional Ocean Council Living Shoreline:
northeastoceancouncil.org/committees/coastal-hazards-resilience/living-shorelines-group/

Southeast

- Ashepoo Combahee Edisto Basin National Estuarine Research Reserve's *Ecological Landscape Design for Coastal South Carolina*:
dnr.sc.gov/marine/NERR/upcoming_trainings.html
- Clemson Living Shorelines Training (South Carolina):
clemson.edu/extension/living-shorelines/training-education/index.html
- Georgia's Living Shorelines Trainings for Practitioners: Contact Meghan Angelina at
meghan.angelina@dnr.ga.gov

- Living Shoreline Training for Marine Contractors (Florida Sea Grant and partners): flseagrant.org/workforce-training/living-shorelines-training-for-marine-contractors
- *Living Shoreline Training for Marine Construction Professionals* manual (North Carolina): files.nc.gov/ncdeq/Coastal%20Management/coastal-reserve/coastal-training-program/past-workshops/LS-manual-v1-6.11.21-compressed.pdf
- Living Shoreline Design Certification (North Carolina): swampschool.org/product/living-shoreline-design-2019
- North Carolina Coastal Federation Living Shoreline Training: nccoast.org/resource/living-shorelines-training/
- North Carolina Living Shoreline Academy: sites.google.com/view/ncnaturalshorelinesnetwork/programs
- North Carolina Coastal Training Program and National Estuarine Research Reserve recordings: youtube.com/playlist?list=PLGoCDUDTs3xXzC3BqywVKlx9KY4aSkIMZ
- North Carolina National Estuarine Research Reserve's Coastal Training Program: deq.nc.gov/about/divisions/coastal-management/nc-coastal-reserve/coastal-training-program/past-workshop-resources

Pacific Islands

- National Disaster Preparedness Training Center's *Nature-Based Solutions for Mitigating Hazards*: ndptc.hawaii.edu/training/catalog/58/#course-description
- NOAA's *Nature-Based Solutions for Coastal Hazards* training: coast.noaa.gov/digitalcoast/training/green.html
- Commonwealth of the Northern Mariana Islands Division of Coastal Resources Management *Living Shorelines and Nature-Based Solutions Guidebook*: dcrm.gov.mp/wp-content/uploads/crm/Living-Shorelines-and-Nature-Based-Solutions-Guidebook-Accessible-Aug2022.pdf

West Coast

- Washington State's Department of Ecology's *Alternatives to Bulkheads* training : coastaltraining-wa.org/event-5754926
- ecoPRO Sustainable Landscape Professional Certification Program: ecoprocertified.org/about/
- University of California Santa Cruz Certificate in Coastal Sustainability and Resilience: climateresilience.ucsc.edu/uncategorized/2024/08/uc-santa-cruz-launches-new-professional-development-course-in-coastal-climate-resilience/

National

- Certified Coastal Practitioner® Credentialing Program offered by the Coastal Zone Foundation: coastalzonefoundation.org/ccp-training/
- Ecosystem-Based Adaptation and Nature-Based Solutions for Disaster and Climate Resilience: edx.org/learn/nature/sdg-academy-nature-based-solutions-for-disaster-and-climate-resilience
- Living Shorelines Academy: livingshorelinesacademy.org and livingshorelinesacademy.org/index.php/for-design-and-constuction
- National Disaster Preparedness Training Center's *Nature-Based Solutions for Mitigating Hazards* (in-person dates and schedules on website): ndptc.hawaii.edu/training/catalog/58/#course-description
- NOAA's *Nature-Based Solutions for Coastal Hazards* training: coast.noaa.gov/digitalcoast/training/green.html
- Waterfront Edge Design Guidelines: wedgprofessionals.org/courses/wedgprofessionals

Canada

- Green Shores: cvrd.ca/2475/Green-Shores
- ShoreUp: helpingnatureheal.com/shore-up-nova-scotia/