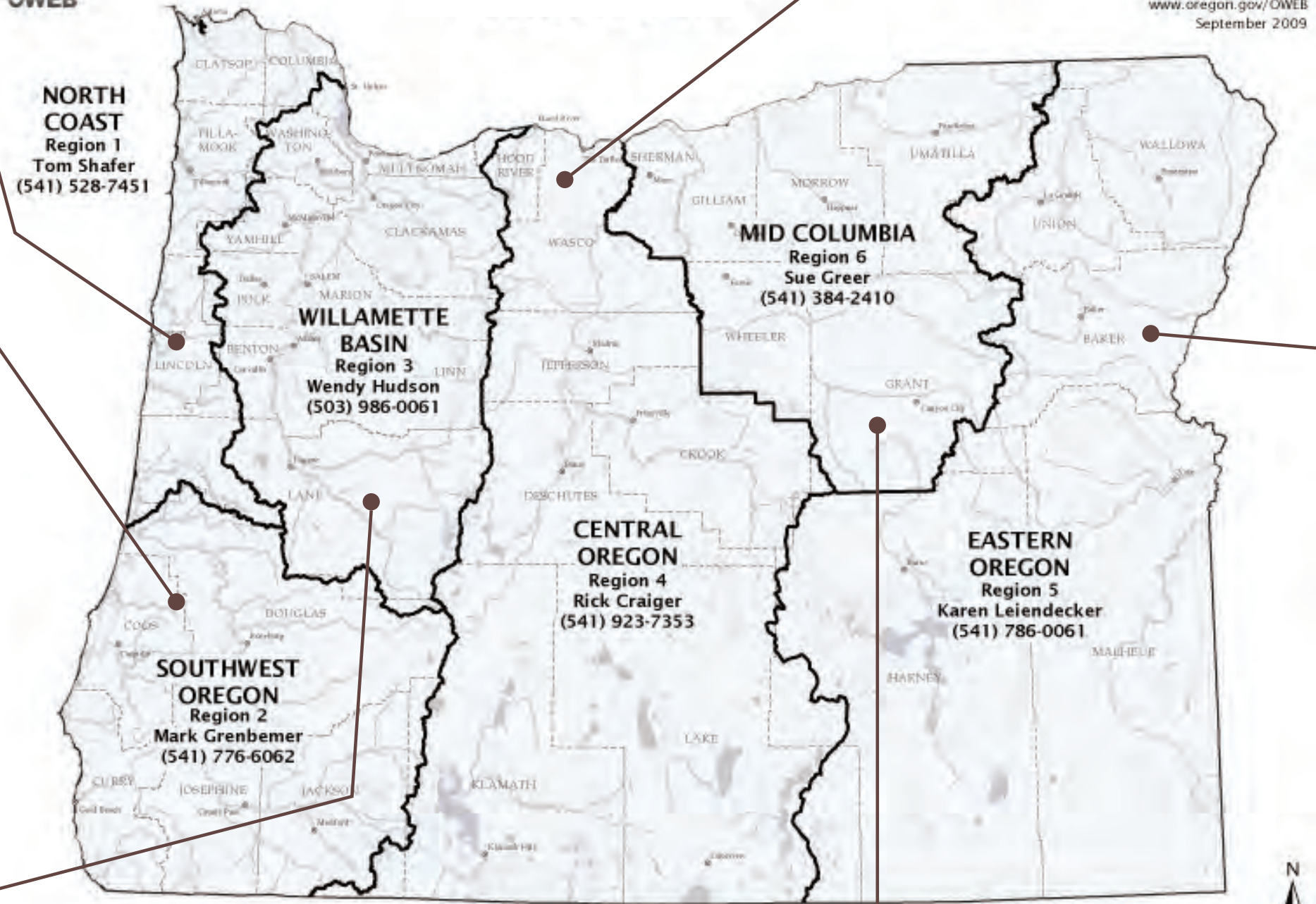


OWEB REGIONS



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Region 5
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REGION #1 / North Coast:

OPPORTUNITIES:

- High carbon sequestration capacity of coastal temperate rain forests.
- Abundance of biologically sensitive estuarine and riverine habitat that can be un-productive to timber companies or private ownership.
- Presence of ESA listed species and need for restoration and protection of habitats.
- High need for restoration, land management and acquisition funding from new sources.
- Relatively inexpensive land.

BARRIERS:

- Scale of projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 500 to 1000 acres of acquisition or restoration)
- Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.
- Forest and wetlands based projects only.

REGION #2 / Southwest Oregon:

OPPORTUNITIES:

- High carbon sequestration capacity of coastal temperate rain forests.
- Abundance of biologically sensitive estuarine and riverine habitat that can be un-productive to timber companies or private ownership.
- Presence of ESA listed species and need for restoration and protection of habitats.
- High need for land management, restoration and acquisition funding from new sources.
- Relatively inexpensive land.

BARRIERS:

- Scale of projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 500 to 1000 acres of acquisition or restoration)
 - Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.
 - Forest and wetlands based projects only.
- *Forest, soil and wetlands.

REGION #3 / Willamette Basin:

OPPORTUNITIES:

- Blend of forest and soil based (Crop and grazing lands) carbon storage project opportunities.
- Large river systems and riparian zones with associated eco-system service co-benefits.
- Frequency of degraded landscapes in need of restoration which offer high "additionality" or added carbon sequestration values as example.
- Dense interface between large human populations and riparian and uplands environments which increases the chances of the delivery of multiple ecosystem services, e.g. upland forests insuring clean water for drinking supplies while sequestering carbon.
- High need for restoration, land management and acquisition funding from new sources.
- Development of unique regulatory platforms for ecosystem services like Willamette Partnerships "Counting on The Environment" and Freshwater Trusts "Streambank" project.

BARRIERS:

- Most carbon offset projects in this area are focused on industrial emissions and/ or methane recapture.
- Scale of projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 500 to 1000 acres of acquisition or restoration)
- Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.

REGION #4 / Central Oregon:

OPPORTUNITIES:

- Blend of forest, riparian and soil based (Crop and grazing lands) carbon storage project opportunities.
- Presence of ESA listed species and need for restoration and protection of habitats.
- High need for restoration, land management and acquisition funding from new sources. Including issues with invasives, Juniper, soil degradation/disturbance, etc.)
- Relatively inexpensive land.

BARRIERS:

- Scale of projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 500 to 1000 acres of acquisition or restoration)
- Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.

REGION #5 / Eastern Oregon:

OPPORTUNITIES:

- Adaptive methods of rangeland management yielding increases in soil carbon storage which can be monetized. Co-benefits include increased water infiltration, perennial grass stand health, generation of bio-diversity and habitat, etc.
- Large tracts of "single owner" land. (Including state, NGO and private.)
- Presence of ESA listed species and need for restoration and protection of habitats.
- High need for restoration, land management and acquisition funding from new sources. Including issues with invasives, Juniper, soil degradation/disturbance, etc.)
- Relatively inexpensive land.

BARRIERS:

- Lack of annual rain fall (Direct relationship to % of carbon in the soil) and bio diversity.
- Scale of soil based projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 4000 acres and above for acquisition or restoration) Restoration of riparian areas would require less acreage on a case by case basis.
- Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.

REGION #6 / Mid-Columbia:

OPPORTUNITIES:

- Large riverine and tributary segments offer potential restoration and acquisition projects.
- Adaptive methods of rangeland management yielding increases in soil carbon storage which can be monetized. Co-benefits include increased water infiltration, perennial grass stand health, generation of bio-diversity and habitat, etc.
- Large tracts of "single owner" land. (Including state, NGO and private.)
- Presence of ESA listed species and need for restoration and protection of habitats.
- High need for restoration, land management and acquisition funding from new sources. Including issues with invasives, Juniper, soil degradation/disturbance, etc.)
- Relatively inexpensive land.

BARRIERS:

- In a portion of this region a lack of annual rain fall (Direct relationship to % of carbon in the soil) and bio diversity.
- Scale of soil based projects need to be big enough to generate the revenue necessary to pay the costs of project development. (Roughly 4000 acres and above for acquisition or restoration) Restoration of riparian areas would require less acreage on a case by case basis.
- Lack of development in national bio-carbon standards and markets resulting in lower prices and less buyers.
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