

Soil Health Coalition

www.soilhealthcoalition.ca

March 2018

Welcome to the Soil Health Coalition. The following is a list of resources to share and learn about Soil Health, Water Quality, Climate Change, and organizations, farmers and educators that are sharing their experiences and management practices. The ideas in the resource listing shall not imply that the Soil Health Coalition suggests these are the preferred practices or philosophies. There are many other resources available. Share with us the resources that you have found helpful.

Unique Websites:

Soil Health Coalition - <http://www.soilhealthcoalition.ca/>

Peter Donovan - engaging farmers and citizen scientists in measuring soil carbon and water infiltration

Managing Wholes <https://managingwholes.com/>

Soil Carbon Coalition <https://soilcarboncoalition.org/>

Organizations:

Innovative Farmers Association of Ontario <https://www.ifao.com/soil-health>

Soil Conservation Council of Canada <http://www.soilcc.ca/>

Biodiversity for a Livable Climate <https://bio4climate.org/>

Regeneration International <http://www.regenerationinternational.org/>

Government Extension and Policy:

Ontario Policy on Soil Health - New Horizons: Agriculture Soil Health and Conservation Strategy
<http://www.omafra.gov.on.ca/english/landuse/soilhealth.htm>

Agriculture and Agri-Food Canada Soil at Risk Indicator <http://www.agr.gc.ca/eng/science-and-innovation/agricultural-practices/soil-and-land/soil-erosion-indicator/?id=1462893337151>

NRCS National Resources Conservation Service - United States Department of Agriculture
<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/soils/health/>

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Videos:

Walter Jehne Australian Soil and Climate Scientist History of Water on Earth 2015

<https://www.youtube.com/watch?v=eiPDUDT9HjA>

Walter Jehne Regenerating the Soil Carbon Sponge Part 1 and 2

<https://www.youtube.com/watch?v=3nC6j80sLZo>

<https://www.youtube.com/watch?v=K4ygsdHJjdl>

Walter Jehne Biology of Soil in Agriculture

<https://www.youtube.com/watch?v=Tawz44oO-6s>

The Soil Story by Kiss the Ground narrated by Ryland Englehardt 4 min video

<https://www.youtube.com/watch?v=nvAoZ14cP7Q>

The Science of Soil Health: The Weil Brassica Research Team

<https://www.youtube.com/watch?v=o66y9FbiC4k>

Gabe Brown - 2016 Regeneration of Our Lands: A Producer's Perspective TEDxGrandForks

<https://www.youtube.com/watch?v=QfTZOrnowcc>

Jonathan Lundgren -2017 A Six-Legged March Toward Regenerative Agriculture TEDxBrooks

<https://www.youtube.com/watch?v=qRJ0y9LMhI4>

David Brandt Cover Crops - <https://www.youtube.com/watch?v=zXGmTkJGyik>

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Demonstrations:

Ray Archuleta - Soil Slake and Infiltration Tests Demos

https://www.youtube.com/watch?v=cx_hmse9Se8

Water Infiltration test - ONgov <https://www.youtube.com/watch?v=UeXil1Bpbgo>

Specific Management Approaches:

Grazing

The Grassfed Exchange <https://grassfedexchange.com/>

Holistic Management International <https://holisticmanagement.org/>

Graze - the magazine that's ' by graziers, for graziers' <http://www.grazeonline.com/>

The Grassfed Network <http://www.grassfednetwork.com/>

Cover Crops

Midwest Cover Crop Council - Ontario <http://mccc.msu.edu/statesprovince/ontario/>

Steve Groff Cover Crop <https://www.covercropcoaching.com/>

No Till

No Till on the Plains <http://www.notill.org/>

No Till Farmer <https://www.no-tillfarmer.com/>

Advances using roller crimper for organic no-till in Wisconsin -

<https://www.youtube.com/watch?v=UtxH4CJa-ik>

Reduced Till - Vegetables

eOrganic -Organic Reduced Tillage in the Pacific Northwest <https://eorganic.info/group/4988>

Natalie Lounsbury and Ray Weil, University of Maryland Department of Environmental Science and Technology <http://notillveggies.org/>

Cornell Reduced Tillage projects <http://smallfarms.cornell.edu/projects/reduced-tillage/>

Ron Morse Virginia Tech- <http://articles.extension.org/pages/18368/video:-weed-em-and-reap-part-2-reduced-tillage-strategies-for-vegetable-cropping-systems>

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Books:

David R. Montgomery and Anne Bikle "Dirt The Erosion of Civilizations" "The Hidden Half of Nature"
"Growing a Revolution - Bringing Our Soil Back to Life"-<https://www.dig2grow.com/books>

Soil at Risk Canada's Eroding Future - Senator Hubert Sparrow

www.albertasenator.ca/flashblocks/data/Soil%20at%20Risk/Soil%20at%20Risk.pdf