

Lidar

Daniel Coe has worked for the Oregon Department of Geology and currently works for the Washington Department of Geology. He is a master of Lidar and Art

<https://dancoecarto.com/>

<https://www.youtube.com/watch?v=14MCHoykaMI> (Nick Zentner interview with Coe)

<https://bioneers.org/revealing-hidden-histories-daniel-coe-on-the-art-and-science-of-mapping-rivers-zmbz2412/>

Oregon Resources using Lidar (how you can use Lidar data for free)

<https://www.oregon.gov/dogami/lidar/pages/index.aspx>

<https://gis.dogami.oregon.gov/maps/lidarviewer/>

<https://researchguides.uoregon.edu/oregon-lidar-elevation/accessing-oregon-lidar>

<https://maps.dsl.state.or.us/portal/apps/mapviewer/index.html?webmap=2abaafc8de2c41fca6c87af90ac4bedb>

Oregon Geology Resources

<https://www.oregon.gov/dogami/pages/default.aspx>

<https://guides.pcc.edu/geology/websites>

<https://d3itl75cn7661p.cloudfront.net/dogami/ims/ims-028/resources.htm>

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

Roadside Geology Books and more

<https://mountain-press.com/collections/roadside-geology>

<https://store.geosociety.org/collections/frontpage> (Field Guides)

Professional Organizations

This site gets you a list of the major geology-based professional societies. The Geological Society of America is on the list and is one of the main ones to check out.

<https://aipg.org/page/ProfessionalAssociations>

Clackamas County Geology

Just a random list of sites and papers on various Clackamas County geology.

<https://www.usgs.gov/publications/ground-water-northern-part-clackamas-county-oregon>

<https://www.youtube.com/watch?v=6VWOc5SOMAw> (part 1, Introduction to Geology of the West)

<https://www.youtube.com/watch?v=W6r--Qpv304> (part 2, Geology of the Clackamas Basin)

<https://www.youtube.com/watch?v=DeGk0gFnJrY> (part 3, Geological Hazards of the Clackamas Basin)

<https://www.youtube.com/watch?v=2vHd56-1xog> (part 4, Soils of the Clackamas Basin)

https://maps.orcity.org/galleries/dynamicContent/DOGAMI%20-%20Geologic%20Map/GMS-119-text_onscreen.pdf (Geologic Map of Oregon City)

<https://www.gsoc.org/news/2018/2/28/gsoc-president-elect-paul-edison-lahm-leads-discussion-of-the-geology-of-eastside-portland-and-johnson-creek> (Geology of Eastside Portland and Johnson Creek [includes Milwaukie])

<https://www.oswegowatershed.org/explore-the-watershed/geology/> (Geology of Lake Oswego)

<https://d3itl75cn7661p.cloudfront.net/dogami/sh/Shp-07.pdf> (1942, Geologic History of the Portland Area. Note, this is well before plate tectonics became accepted)

https://watermark02.silverchair.com/264.pdf?token=AQECAHi208BE49Ooan9kkhW_Er
cy7Dm3ZL_9Cf3qfKAc485ysgAAAYwggMiBgkqhkiG9w0BBwagggMTMIIDDwIBAD
CCAwgGCSqGSib3DQEHATAeBgIghkgBZQMEAS4wEQQMqElI4HfLX721rvAgEQ
gIIC2WWGsedRFYqXcPIY0Fkrn4WlHU5yxaLN7g-
4rP4QVL00WrPoZbWJBURuPNVKPUV9EL5PUCjuRhHBrgA81Nok3UmpT8dG3sr6gPr
I3XsWmDgH-nkh6uxRF404RuEMjvaz8GOAbHQBKGV-
phX0aTb8hF6aQvKtgaM0qMS7qY0P7U8WMPTG_rz0TwxnocBSpXQKuOWBU58Eaa1s
HNrOc3uYBcHZzElTejhlJkZb7QnhC2zE9Y2aboU_Qo-
2GNG4fMlwaPyluuqwOgeFScNhW9X5eq-
LNmhMded2hRj9G8uWZtzVmnCJrPhJHHgoYkX8zaJ-BC-
Nw5mWIpJMLZlGh_zngpsGUDmgHQij8xh5ES3PkKO4fiA-
L6IBR6zp5jxGl_jZjyyMv7cexA3oQvZDuJ5YAqQQ16Xo604v3raKYZa5JmhxPfYFkNWC
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QgxvfHRLwPIZH1DghEXgnFDtnY3m7PawNyH4ArxDB0RRL7p_R5FRLakI1kos8M4o-
fhtXz2Ljlyq22kp-l_o8DfQy8m7_CQx5QOCWq-0ytYYz6N1Vcx4NZn-uR2gAKw_-
dnLHb4nxBWl0uOVtdNZdWspuQAtzMhk4a2mNQCUC_m-
DRTuAGOLO5xjHnN4hsnt7d4N7hEs29hKr0tg24z9YH4p3TIR83E8GptZhOhzBhWKxX
Hlfz7WVEWY477leyE53KcSQJuJVI44NLGFBHCUZ7FrlftpV-
cEVCXG6cdECYkKmyKcCv96DZKAmh7nKHZDkGX8Gae3Cb1_s1f9-
kdzFudrHLTauCxe-1VMZjnsBRKKRlrlKaKsQmqxadYF_dCeMObE-
2zieifgs56QprM4sfvZSNBIV2klxZbS9yxcLihb9DLtffSR7V9XJgsICyitnXQBiyATVaj6C
GDDux68tm3cj78gWIA

(This ridiculous URL takes you to a paper called: Tectonic evolution of the Tualatin basin, northwest Oregon, as revealed by inversion of gravity data". This includes some discussion of the Waverly Hights basalt right here in Milwaukie)

Plate Tectonics

<https://pnsn.org/education/seismology/plate-tectonics>

<https://ucmp.berkeley.edu/geology/tectonics.php>

<https://www.youtube.com/watch?v=ckgETkjQFdY> (very useful video of a lecture on plate tectonics that stresses the history of geology)