

Growing a Revolution: Bringing Our Soil Back to Life

Soil may be the least sexy resource upon which civilization depends, yet soil erosion and degradation have plagued societies in the past and pose challenges for feeding the future. *Growing a Revolution* relates visits to farmers around the world at the heart of a brewing soil health revolution that cuts through standard debates about conventional and organic farming. On farms in both the industrialized and developing improving soil health through the adoption of three transformational farming practices—ditching the plow or minimizing soil disturbance, planting cover crops, and growing diverse crop rotations—offered a profitable way to rebuild the fertility of the soil and thereby reduce dependence on fossil fuels and agrochemicals. Combining ancient wisdom with modern science, these regenerative practices can be good for farmers and the environment, translating into farms that use less water, generate less pollution, lower carbon emissions—and stash carbon underground.

Bio

David R. Montgomery is a MacArthur Fellow and professor of geomorphology at the University of Washington. He studies landscape evolution and the effects of geological processes on ecological systems and human societies. An author of award-winning popular-science books, he has been featured in documentary films, network and cable news, and on a wide variety of TV and radio programs. His books have been translated into nine languages. He lives in Seattle with his wife, and co-author, Anne Biklé. Connect with them at www.dig2grow.com or follow him on Twitter (@dig2grow).

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A Zoom lecture by MacArthur Fellow & geology professor (U. of Washington) Dr. David R. Montgomery about the underappreciated importance of soil for the future of civilization

