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Home > 62: Anisotropy without tears featuring Heloise Lynn

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SEG's Seismic Soundoff

In this episode, host Andrew Geary speaks with Heloise Lynn on her upcoming North American Honorary Lecturer tour starting 5 September. Andrew and Heloise discuss Leon Thomsen's famous deck of cards from SEG 1986, the controversy surrounding her recent published paper, how anisotropy can be understood by all geophysicists, what would happen if azimuthal P-P seismic measurements reached its full potential, and more. This interview isn't to be missed. Learn more about her tour at <https://seg.org/Education/Lectures/Honorary-Lectures/2019-HL-Lynn>. Interviewee biography Heloise Bloxsom Lynn is a geophysical consultant and instructor with Petroskills and Nautilus World. She started working in seismic reflection data in 1975, processing U.S. onshore data for Texaco in Houston. Lynn worked for Texaco, Amoco, BP, and then in 1984, she and her husband, Walt, formed Lynn Incorporated. Her consulting experience includes working in North America, Hungary, Qatar, Kuwait, Saudi Arabia, Pakistan, Australia, Thailand, China, and Japan. She specializes in the use of 3D multiazimuth and/or multicomponent data to obtain structure, lithology, porosity, pore fluids, in-situ stress, and aligned porosity (aka natural fractures). She also includes conventional VSP data processed for split-shear waves in these projects because there is nearly always a source-generated S-wave or a near-source mode-converted S-wave, and/or mode-conversions at impedance boundaries. In the fall of 2004, she was the SEG/AAPG Distinguished Lecturer, speaking on "The Winds of Change – anisotropic rocks, their preferred direction of fluid flow, and their associated seismic signatures." She has described her research findings in many oral presentations and in 47 published papers that collectively create an invaluable knowledge base for scientists, researchers, students, teachers, and exploration geophysicists. She earned a BA in geology-math from Bowdoin College, Maine; an MSc in exploration geophysics from Stanford University; and a PhD in geophysics from Stanford University. She is a member of SEG, EAGE, the Geophysical Society of Houston (GSH), AAPG, and SPE. Credits Interview: Heloise Lynn Original music by Zach Bridges. This episode was hosted, edited, and produced by Andrew Geary. Special thanks to the SEG podcast team: Jennifer Crockett, Ally McGinnis, and Mick Swiney. If you enjoy the show, please subscribe to the podcast on Spotify, Google Podcasts, or Apple Podcasts to be the first to know about new episodes!
