Unconventional Gas and Oil Development: Economic and Environmental Impacts

Foreword: Unconventional Gas and Oil Development: Economic, Environmental, and Policy Analysis • J. Wesley Burnett

Resident vs. Nonresident Employment Associated with Marcellus Shale Development • Douglas H. Wrenn, Timothy W. Kelsey, and Edward C. Jaenicke

The Economic Impact of Shale Gas Development: A Natural Experiment along the New York / Pennsylvania Border • Brendan M. Cosgrove, Daniel R. LaFave, Sahan T. M. Dissanayake, and Michael R. Donihue

What Can We Learn about Shale Gas Development from Land Values? Opportunities, Challenges, and Evidence from Texas and Pennsylvania • Jeremy G. Weber and Claudia Hitaj

Quantifying the Effects of Underground Natural Gas Storage on Nearby Residents • Michaela Jellicoe and Michael S. Delgado

Experiential Gains with a New Technology: An Empirical Investigation of Hydraulic Fracturing • Timothy Fitzgerald

What Experts Say About the Environmental Risks of Shale Gas Development • Alan J. Krupnick and Hal G. Gordon

Private Contracts as Regulation: A Study of Private Lease Negotiations Using the Texas Natural Gas Industry • Ashley Vissing

Understanding Local Regulation of Fracking: A Spatial Econometric Approach • Patrick J. Walsh, Stephen Bird, and Martin D. Heintzelman

I Want In On That: Community-level Policies for Unconventional Gas Development in New York • Nikolaos Zirogiannis, Jessica Alcorn, Jayne Piepenburg, and John Rupp

Published by the Northeastern Agricultural and Resource Economics Association

Volume 44 Number 2
August 2015
Agricultural and Resource Economics Review (ISSN 1068-2805) is the official publication of the Northeastern Agricultural and Resource Economics Association (NAREA). The purpose of the Review is to foster and disseminate professional thought and literature relating to the economics of agriculture, natural resources, and community development. It is the editorial policy of the ARER to encourage manuscript submission without regard to author affiliation and/or location. The ARER is published three times a year. In addition to normal refereed articles, it also publishes invited papers presented at the annual meetings of the NAREA as well as abstracts of selected papers presented at those meetings. It periodically calls for articles written on a specific topic. Membership in the NAREA is open to all persons having an interest in agricultural and resource economics. Membership dues include a subscription to the Review and are $25 per year for regular membership and $10 per year for students. The single-copy price is $15 per issue. The library (or institutional) subscription price is $125 per year.

Address all manuscripts and editorial material to Dr. Arnab Basu, Managing Editor.

Dr. Arnab Basu
Charles H. Dyson School of Applied Economics and Management
Cornell University
Ithaca, NY 14850 USA
Email: arnab.basu@cornell.edu

Please see inside back cover for submission instructions.

Address requests for membership, subscriptions, and changes of address to:

Dr. Douglas E. Morris
NAREA Secretary-Treasurer
Department of Natural Resources and the Environment
G68 James Hall
56 College Road
University of New Hampshire
Durham, NH 03824-2601
e-mail: dr.doug@unh.edu

Copyright © 2015 by the Northeastern Agricultural and Resource Economics Association. No article or other material appearing in the Agricultural and Resource Economics Review may be republished in full or in part without the written permission of the NAREA Secretary-Treasurer.
Foreword

Unconventional Gas and Oil Development: Economic, Environmental, and Policy Analysis • J. Wesley Burnett

Selected Papers

Resident vs. Nonresident Employment Associated with Marcellus Shale Development • Douglas H. Wrenn, Timothy W. Kelsey, and Edward C. Jaenicke

The Economic Impact of Shale Gas Development: A Natural Experiment along the New York / Pennsylvania Border • Brendan M. Cosgrove, Daniel R. LaFave, Sahan T. M. Dissanayake, and Michael R. Donihue

What Can We Learn about Shale Gas Development from Land Values? Opportunities, Challenges, and Evidence from Texas and Pennsylvania • Jeremy G. Weber and Claudia Hitaj

Quantifying the Effects of Underground Natural Gas Storage on Nearby Residents • Michaela Jellicoe and Michael S. Delgado

Experiential Gains with a New Technology: An Empirical Investigation of Hydraulic Fracturing • Timothy Fitzgerald

What Experts Say About the Environmental Risks of Shale Gas Development • Alan J. Krupnick and Hal G. Gordon

Private Contracts as Regulation: A Study of Private Lease Negotiations Using the Texas Natural Gas Industry • Ashley Vissing

Understanding Local Regulation of Fracking: A Spatial Econometric Approach • Patrick J. Walsh, Stephen Bird, and Martin D. Heintzelman

I Want In On That: Community-level Policies for Unconventional Gas Development in New York • Nikolaos Zirogiannis, Jessica Alcorn, Jayne Piepenburg, and John Rupp