

CESARE DOSI

Curriculum vitae

June, 2019

Biographical note: Born January 30, 1960 (Napoli, Italy) • Married, three children • EDUCATION: Master in Economic and Social Studies, University of Manchester (UK); Laurea, Economics *summa cum laude*, University of Venice Ca' Foscari (Italy)

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ACADEMIC & TEACHING APPOINTMENTS

CURRENT ACADEMIC POSITIONS:

- Full Professor of Public Economics (SECS-P/03 Scienza delle Finanze), *Department of Economics and Management, University of Padova* (2002 -- present) – Courses: “Scienza delle finanze – Public Economics” (Laurea in Economia); Environmental Economics and Policy (Laurea in Economia); “Scienza delle Finanze II” – Public Project Appraisal (Laurea Magistrale in Economia e Diritto)
- Associate Dean (Teaching & Learning), *Dept. of Economics and Management, University of Padova* (2014 – present)

PAST ACADEMIC POSITIONS:

- Director, *Centro Interuniversitario sull'Economia Pubblica (CRIEP) – University of Padova, Venezia Ca' Foscari, Verona* (2009 – 2016)
- Member, *Academic Scientific Commission, University of Padova* (2011 - 2012)
- Dean, *Faculty of Economics, University of Padova* (2003 - 2009)
- Member, *Academic Senate, University of Padova* (2003 – 2009)
- Associate professor of Public Economics, *Faculty of Economics, University of Padova* (1999-2001)
- Assistant professor of Public Economics, *Faculty of Law, University of Padova* (1992 - 1998) • *Faculty of Economics and Banking, University of Udine* (1991 -1992)
- **Other teaching appointments & visiting positions:** • *European Institute of Advanced Studies – University of Pavia* (lecturer of Environmental Economics, Master in Environmental Management) • *Politecnico of Milano – Faculty of Architecture* (lecturer of Environmental Economics) • *University of Minnesota – Department of Applied Economics* (visiting faculty) • *Michigan State University – Department of Agricultural Economics* (visiting faculty) • *University of Padova – Department of Economics* (lecturer of Public Economics at the Ph.D program in Economics and management) • *University of Padova - Faculty of Statistics* (lecturer of Political Economy) • *CUOA* (lecturer of economics courses at the MBA) • *University of Padova – Faculty of Agriculture* (lecturer of Welfare Economics)

MAIN RESEARCH INTERESTS

- Public-private partnerships
- Analysis and valuation of public investments
- Environmental policy instruments

FELLOSHIPS ▪ RESEARCH GRANTS

- *Accademia Galileiana di Scienze Lettere ed Arti, Padova* – Member (“socio effettivo”) (2009 – present)
- *Ministero dell’Istruzione, dell’Università e della Ricerca (MIUR), Rome*
PRIN Grants (“Progetti di Ricerca di Interesse Nazionale”) - team member: “Climate change in the Mediterranean Region” (2010 – 2011) – “Externalities, costs and investments in regulated industries (2005 – 2006) – “Regulation, access and technological innovation in network industries” (2002 – 2004)
- *European Bank for Reconstruction and Development (EBRD) – Office of the Chief Economist, London*
February 2010 – July 2010: Visiting research fellow (Research topics: energy use and the carbon performance of Transition Countries)
- *EU Commission – DGVI, Bruxelles*
1998 – 2000: Scientific co-ordinator, Concerted action SAGA (FAIR5-CT97-3673) “Sustainable agricultural use of aquifers in Southern Europe: integration between agricultural and water management policies”
- *Fondazione Eni Enrico Mattei, Milan*
1991 – 2000: Research fellow, leading the research projects “Non-point source pollution regulation”, “Water resources management in the Mediterranean Region”
- *European Science Foundation, Strasbourg*
1991 – 1992: Member of the research team “Sharing freshwater resources in the Mediterranean basin (project co-ordinator: University of Haifa - Natural Resources and Environmental Research Center, Israel)

NON-ACADEMIC APPOINTMENTS

- F2i Fondi Italiani per le Infrastrutture Società di Gestione del Risparmio S.p.A. – Milano
Independent director (2019 – present)
- Senato della Repubblica – Roma
Member, Comitato Scientifico Osservatorio di Finanza Pubblica (2018 – present)
- Fondazione Emanuela Zancan – Centro Studi e Ricerca Sociale ONLUS - Padova
President (2015 - present)
- Banca Fideuram – Intesa San Paolo Private Banking S.p.A. - Torino
Independent director (2015 – 2018)
- Gradiente SGR S.p.A. - Padova
Member, Advisory Committee (2014 – present)
- Ministero dello Sviluppo Economico, Dipartimento per le politiche di sviluppo e di coesione - Foromez
Member of the Scientific Committee “Progetto Nuval”, Formazione per la Rete dei Nuclei di valutazione degli investimenti pubblici delle Amministrazioni centrali e regionali (2005 – 2009)
- Ministero dell’Economia e delle Finanze, Dipartimento per le Politiche di Sviluppo e Coesione - Roma
Member of the Steering Group for the “Mid Term Evaluation of Italy’s 2000-2006 Community Support Framework”
- United Nations, Economic Commission for Latin America and the Caribbean - Santiago de Chile
Consultant, “Actualization de la metodologia de evaluacion de los efectos socio-economicos de los desastres naturales: Metodologia para la identificacion, clasificacion y cuantificacion de los impactos ambientales de los desastres naturales.” (2000)
- Ministero dei Trasporti e della Navigazione, Roma
Member of the Advisory Committee for the National Transport Plan (“Piano Generale dei Trasporti e della Logistica”) (1998 – 1999)

PUBLICATIONS

JOURNALS

- “Multidimensional Auctions for Long-Term Procurement Contracts with Early-Exit Options: The Case of Conservation Contracts.” *European Journal of Operational Research*, 267, 368-380, 2018 (with L. Di Corato and M. Moretto)
- “Procurement with Unenforceable Contract Time and the Law of Liquidated Damages.” *Journal of Law, Economics, & Organization*, 31 (11), 160-186, 2015 (with M. Moretto)
- “Auctioning Monopoly Franchises: Award Criteria and Rollout Obligations.” *Journal of Public Economic Theory*, 15(1), 53-75, 2013 (with M. Moretto)
- “Environmental Innovation, War of Attrition and Investment Grants.”, *International Game Theory Review*, 12(1), 37-59, 2010 (with M. Moretto)
- “Concession Length and Investment Timing Flexibility.” *Water Resources Research*, 42, W02404, 2006 (with C. D’Alpaos and M. Moretto).
- “Market Failure and the Role of Markets and Privatization in Alleviating Water Scarcity.” *International Journal of Public Administration*, 26, 265-90, 2003 (with K.W. Easter)
- “Global Warming and Financial Umbrellas.” *Journal of Risk Finance*, 4, 18-25, 2003 (with M. Moretto)
- “Is Ecolabelling a Reliable Environmental Policy Measure?” *Environmental and Resource Economics*, 18, 113-127, 2000 (with M. Moretto).
- “Auctioning Green Investment Grants as a Means of Accelerating Environmental Innovation.” *Revue d’Economie Industrielle*, 83, 99-110, 1998 (with M. Moretto)
- “Pollution Accumulation and Firm Incentives to Accelerate Irreversible Technological Change Under Uncertain Private Benefits.” *Environmental and Resource Economics*, 10, 285-300, 1997 (with M. Moretto)
- “Toward Green Technologies: Switching Rules and Environmental Policies.” *Rivista Internazionale di Scienze Economiche e Commerciali*, 43(1), 13-30, 1996 (with M. Moretto)
- “Finanza municipale e fiscalità immobiliare: ipotesi di riforma”, *Rivista di Diritto Finanziario e Scienza delle Finanze*, 55(1), 3-52, 1996 (with G. Muraro).
- “Interbasin Water Transfers Under Uncertainty: Storage Capacity and Optimal Guaranteed Deliveries.” *Environmental and Resource Economics*, 4, 331-352, 1994 (with M. Moretto)
- “Approcci valutativi e trattamento delle imposte indirette nell’analisi costi-benefici.” *Rivista di Diritto Finanziario e Scienza delle Finanze*, 51 (1), 16-38, 1992.
- “Interventi di politica ambientale per il controllo dell’inquinamento dei corpi idrici.” *Economia Pubblica*, 9/10, 459-466, 1990.
- “The Effects of Indirect Tax Harmonization: The Implicit Welfare Weights in the Italian Case.” *Rivista di Diritto Finanziario e Scienza delle Finanze*, 48 (4), 489-501, 1989 (with M. Volpe).

BOOK CHAPTERS & MISCELLANEA

- “Balanced-budget Fiscal Stimuli of Investment and Welfare Value.” DEM Working Papers 2019/12, Università di Trento (with M. Moretto and R. Tamborini).
- “Termination Fees and Contract Design in Public – Private Partnerships.” Fondazione ENI E. Mattei (FEEM) WP 032.2018 (with M. Buso and M. Moretto)
- “Cost Uncertainty and Time Overruns in Public Procurement.” FEEM Note di Lavoro 2017.2 (with M. Moretto)
- “Bidding for Conservation Contracts”, *FEEM Note di Lavoro* 2014.065 (with L. Di Corato and M. Moretto)
- “Ambiente, crescita e politiche ambientali”, in AA.VV. *Evoluzione e riforma dell'intervento pubblico – Scritti in onore di Gilberto Muraro*, Torino: Giappichelli, 225-245, 2013
- “Energy Use and the Carbon Performance of Transition Countries, 1990-2008”, in A. Chirmiciu, S. Fankhauser and J. Zettelmeyer (eds.), *The Low Carbon Transition*, London: European Bank for Reconstruction and Development & Grantham Research Institute on Climate Change and the Environment – London School of Economics and Political Science, 6-18, 2011 (with A. Chirmiciu)
- “Licences, ‘Use of Lose’ Provisions and the Time of Investment” , *FEEM Note di Lavoro* 2010-024, 2010 (with M. Moretto)
- “Concession Bidding Rules and Investment Time Flexibility”, *FEEM Note di Lavoro* 2007-03, 2007 (with M. Moretto).
- “L’analisi economica delle grandi opere: criteri tecnici e nodi politici”, in E. Marone (ed.), *Le grandi infrastrutture: approcci giuridici, economici ed estimativi*. Firenze: Firenze University Press, 23-43, 2005 (with G. Muraro and S. Pancheri).
- “Cost Recovery and Water Pricing for Irrigation and Drainage Projects”, *Department of Applied Economics, University of Minnesota*, 2004 (with K.W.Easter and Y. Liu)
- “Gli studi di fattibilità degli investimenti pubblici: finalità e requisiti”, in N. Parmentola and S. Rotondo (eds.), *Investimenti pubblici e processo decisionale*. Roma: Formez, 19-49, 2004.
- *La valutazione degli investimenti pubblici – Linee guida*. Venezia: Regione del Veneto – Giunta Regionale, 2003 (with L. Greco, S. Pigozzo, V. Rebba, G. Salmaso).
- “I servizi idrici e il ruolo dell’intervento pubblico”, in G. Muraro and P. Valbonesi (eds.), *I servizi idrici tra mercato e regole*. Roma: Carocci Editore, 19-38, 2003 (with G. Muraro).
- “Water Scarcity: Institutional Change, Water Markets, and Privatization”, in M. Canavari, P. Caggiati and K.W. Easter (eds.), *Economic Studies on Food, Agriculture and the Environment*. New York: Kluwer Academic Publishers, 2002 (with K. W. Easter).
- “Water Scarcity: Economic Approaches to Improving Management”, *Center for International Food and Agricultural Policy, University of Minnesota* WP00-2, 2002 (with K. W. Easter).
- “Environmental Values, Valuation Methods, and Natural Disaster Damage Assessment”. United Nations – Economic Commission for Latin America and the Caribbean ECLAC, WP n.37 *Serie Medio Ambiente y Desarrollo*, 2001.

- “Improving Agricultural Use of Groundwater: Policy Issues and Further Research Directions”, in C. Dosi (ed.), *Agricultural Use of Groundwater. Towards Integration Between Agricultural Policy and Water Resources Management*. Dordrecht: Kluwer Academic Publishers, 3-14, 2001.
- “Freshwater availability and groundwater use in southern Europe”, in C. Dosi (ed.), *Agricultural Use of Groundwater. Towards Integration Between Agricultural Policy and Water Resources Management..* Dordrecht: Kluwer Academic Publishers, 15-34, 2001 (with S. Tonin)
- “Controlling groundwater pollution from agricultural non-point sources: an overview of policy instruments”, in C. Dosi (ed), *Agricultural Use of Groundwater. Towards Integration Between Agricultural Policy and Water Resources Management*. Dordrecht: Kluwer Academic Publishers, 129-156, 2001 (with N. Zeitouni).
- “The Timing of Adoption of Cleaner Technologies: Private Costs and Public Incentives”, *Note di Lavoro* 49-2000, Fondazione ENI E. Mattei, 2000 (with M. Moretto).
- “Freshwater scarcity in the Mediterranean Region: Trends and Scenarios”. *Consiglio Nazionale delle Ricerche-Istituto di Ricerche sull'Economia Mediterranea*, Napoli, 2000.
- “Venezia e la tragedia dei beni comuni (“Venice and the Tragedy of Commons)”, *Equilibri/Rivista per lo sviluppo sostenibile*, 3(1), 83-92, 1999.
- “L’impatto dell’*ecolabelling* sulle decisioni di investimento: un’applicazione della teoria delle opzioni reali”, in G. Zanetti (ed.) *Le decisioni di investimento*, Bologna: Il Mulino (Collana della Società Italiana degli Economisti), 205-235, 1999 (with M. Moretto).
- “Public Policies and Incentives To Accelerate Irreversible Environmental Innovation”, in W.N. Adger et al. (eds.) *Climate Change Mitigation and European Land Use Policies*, Wallingford: CAB International, 89-102, 1997 (with M. Moretto)
- "Water Pollution from Agriculture and Urban Diffuse Sources". Nota di Lavoro 5.94, *Fondazione Eni Enrico Mattei*, 1994.
- "Environmental externalities and instantaneous control of polluter's site physical characteristics", in C. Dosi and T. Tomasi (eds.), *Nonpoint-source pollution: issues and analysis*, Dordrecht: Kluwer Academic Publishers, 107-136, 1994 (with M. Moretto)
- "Nonpoint-source pollution control, information asymmetry, and the choice of time profile for environmental fees", in C.S. Russell and J.F. Shogren (eds.) *Theory, Modeling and Experience in the Management of Nonpoint-Source Pollution*, Boston: Kluwer Academic Publishers, 91-122, 1993 (with M. Moretto).
- “Qualità del capitale e controllo dell’inquinamento: uno studio sugli effetti dell’incertezza e del profilo temporale della regolamentazione”, in I. Musu (ed.) *Economia e ambiente*, Bologna: Il Mulino (Collana della Società Italiana degli Economisti), 157-178, 1993 (with M. Moretto).
- “Teoria economica e strumenti per la politica ambientale”, in S. Valusso (ed.), *L’ambiente: un problema interdisciplinare*, Udine: Istituto Gramsci, 71-92, 1992.
- “Interventi di politica ambientale in condizioni di informazione asimmetrica: il caso dell’inquinamento diffuso”, in G. Muraro (ed.) *Economia dell’informazione e teoria dell’intervento pubblico*, Bologna: Il Mulino (Collana della Società Italiana degli Economisti), 219-244, 1992 (with M. Moretto).
- “A symmetric and asymmetric specification for estimating the response of corn acreage to changes in product prices”, in M. Balestrieri et al. (eds.) *Utilization of natural resources in agriculture and forecasting of demand and supply of agricultural products*. Padova: Alfasessanta, 295-313, 1991.

- “Evaluating actions for the reduction of pollutant releases from agricultural land through a multi-objective programming model: a case-study”, Staff Paper Series P91-23, *Department of Agric. and Applied Economics, University of Minnesota*, St Paul (MN), 1991 (with P. Rosato).
- "Influencing land use patterns to reduce nitrate pollution from fertilizers and animal manure: a case study", in A. Dubgaard and A.H. Nielsen (eds.) *Economic Aspects of Environmental Regulation in Agriculture*, Kiel: Wissenschaftsverlag Vauk, 217-230, 1989 (with G. Stellin).
- “Una proposta per la patrimoniale”, Supplemento al n.13/14 di *IRES Materiali*, 1986 (with S. Vitaletti and G. Patriarca)

BOOKS

- *Agricultural Use of Groundwater. Towards Integration Between Agricultural Policy and Water Resources Management* (ed.). Dordrecht: Kluwer Academic Publishers, 2001.
- *Nonpoint-source pollution regulation: issues and analysis* (edited jointly with Theodore Tomasi), Dordrecht: Kluwer Academic Publishers, 1994.