

# FABIO CEVENINI

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About me: my main research interests revolve around collective action theory and commons management. I am particularly interested in the line of research that questions the strict rationality of individuals. After a brief experience in a consulting company, I had the opportunity to approach the world of research, and I fell in love with it. I strongly believe in the educational value of sport, I have always practiced it regularly.

## EDUCATION AND TRAININGS

January 2018 - April 2020.

**MASTER OF SCIENCE IN ENVIRONMENTAL ECONOMICS, University of Siena**

Thesis: "Willingness to contribute to Climate Change Mitigation by the Citizens of Poggibonsi: a Contingent Valuation Approach". Supervisor: Prof Silvia Ferrini

September 2014 – December 2017

**BACHELOR DEGREE IN ECONOMICS AND BUSINESS, University of Siena**

Thesis: "Thesis: "An alternative to the classic theories on the governance of common goods and collective action". Supervisor: Prof Carlo Zappia

September 2020 – January 2021

**SINGLE COURSE OF MATHEMATICAL CALCULUS, University of Siena**

Exam of the Statistical Degree course attended and passed. Course contents: Elements of Complex Numbers. Vectorial functions of vector variable: Elements of vector calculus. Operations on vectors. Scalar product. Form of a vector. Free and constrained maximization and minimization with both inequality and equality constraints. Differential equations and systems of differential equations. Double integrals

September 2020 – April 2021

**MOOC COURSES HELD ONLINE, Coursera**

- "Machine learning" By Andrew Ng (Stanford University): This course provides a broad introduction to machine learning, datamining, and statistical pattern recognition. Topics include: (i) Supervised learning (parametric/non-parametric algorithms, support vector machines, kernels, neural networks). (ii) Unsupervised learning (clustering, dimensionality reduction, recommender systems, deep learning).
- "Social and Economic Networks" By Matthew O. Jackson (Stanford University): empirical background on social and economic networks and graph theory. Set of models of how networks form, including random network models as well as strategic formation models, and hybrids. Discussion of a series of models of how networks impact behaviour, including contagion, diffusion, learning, and peer influences.

September 2009 – July 2014

**SCIENTIFIC HIGH SCHOOL DIPLOMA, Liceo Scientifico Alessandro Volta, Colle val d'elsa**

## RESEARCH EXPERIENCE

September 2020 - Current

**Research Trainee at CEFAS (Centre for Environment, Fisheries and Aquaculture Science)**

Under the supervision of Kieran Hyder, principal scientist of CEFAS. Principal activities: collection and manipulation of recreational fisheries data, data modelling and economic assessment of recreational fishery through revealed and stated preference methods.

## PROFESSIONAL EXPERIENCE

February 2021 – Current

**Responsible of data processing** for the research project “State of immunization towards the main transmissible diseases - preventable by vaccine -, and safety of vaccines, in a cohort of patients with multiple sclerosis. Italian multicentric studio”.

Responsible of the Project: Prof Monica Ulivelli.

December 2020 – Current

**Free-lance consultant for the Municipality of Poggibonsi** for the drafting of Sustainable Energy and Climate Action Plan (SECAP or PAESC in the Italian version). In particular I supported the municipality in the drawing-up of the CO2 emission inventory, necessary for the issuing of the full document.

Responsible of the Project: Environment Councillor Dott. Roberto Gambassi

December 2019 – June 2020

**Stage at Deloitte & Touche S.p.a. Bologna office**

Analyst in the Sustainability Services function, drafting and review of Sustainability Reports, supply-chain assessment, Climate Change impact assessment, auditor for LBMA and RJC responsible gold certifications.

## PUBLICATIONS

- *“Integrated model for estimating the use-value of recreational sea angling under different management scenarios using European sea bass as an example”* (In progress, expected submission: May 2021).

**Abstract:** Good policy making requires robust appraisal of the impacts created in monetary terms (Bateman et al., 2002) and it is a requirement under the Common Fisheries Policy to balance social, economic, and biological impacts. Some changes in costs and benefits attributable to policy can be readily assessed through direct impacts on markets, whilst other goods and services are more difficult as markets may not exist. This is the case for the European sea bass (*Dicentrarchus labrax*) recreational fishery, where estimating the effect of policy changes is extremely challenging. Stocks have declined rapidly over the past decade due to a combination of high fishing pressure and poor recruitment leading to management of both the commercial and recreational sectors through seasonal and area closures, changes to the Minimum Conservation Reference Size (MCRS), commercial boat limits, and angler bag limits. However, the social impact of these measures on the recreational anglers’ has not been quantified. Here, the impact of different management measures (different combinations of bag limits, different MCRS, and length of season) on anglers’ use value

was estimated using sea anglers' willingness-to-pay and catches taken from Brown et al. (2019) study on angler's attitudes towards recreational fishing management, as well as sea bass removals derived from a Stock Synthesis 3 model. Different management measures had generated markedly different use values for anglers. Pre-2015 management (fewest regulations) was estimated to have the highest recreational fishing value.

## LANGUAGE SKILLS

Mother tongue: Italian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
SPANISH	A2	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## DIGITAL SKILLS

- Microsoft Excel, Word, Access, PowerPoint
- Google Suite: Drive, Calendar, Gmail ecc.
- Programming in R and MATLAB
- Programming in Python (Basic Knowledge)
- Payek: software for network analysis

## SPORT

### National Football referee

Football referee for the Siena section since March 2012, national since July 2018, I currently direct Serie D matches. I also deal with the recruitment and training of young Sienese whistles.

## SOCIAL AND POLITICAL ACTIVITIES

### 2019-current

Volunteer for Fridays for future Siena

### 2012-2014

School representative of student (one to four) for Liceo A. Volta

## PRIVACY

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