

CV

Bárbara Mações Costa

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1. PERSONAL INFORMATION

ORCID	0000-0003-0887-3378	Languages	Portuguese, native
Website	https://barbaramacaescosta.info		English, bilingual
Email	barbara.costa@epfl.ch		French, proficient
Nationality	Portuguese		Italian/Spanish, elementary

Bárbara Mações Costa is an architect and academic. She holds a Ph.D. in Architecture and Sciences of the City from the Swiss Federal Institute of Technology in Lausanne (EPFL), a Master's degree in Drawing from the University of Lisbon, and a Licentiate in Architecture from the University of Porto. Outside academia, she has worked in architecture, landscape, and art. Her research draws on these fields, using cartography as a method of environmental design and criticism. Her doctoral thesis, "Conduit, Patio, Waste: Mapping Environmental Relations in Bairro da Malagueira," maps the environmental history of Álvaro Siza's public housing project in Évora. She teaches and coordinates the EPFL teaching unit UE U: Cartography and the theory course Modernity, Architecture and the Environment. Her specializations are cartography, dialectical criticism, and modernist environmental aesthetics.

2. EDUCATION

- 2021** **Ph.D. in Architecture and Sciences of the City**
Swiss Federal Institute of Technology in Lausanne (EPFL).
Advisors: Harry Gugger, Emily Eliza Scott. Jury: Pier Vittorio Aureli, Godofredo Pereira, Paula Viganò. President: Dieter Dietz.
- 2016** **Master in Drawing**
University of Lisbon Faculty of Fine Arts (FBAUL).
Advisor: António Pedro Marques. Jury: Pedro Saraiva, Américo Marcelino.
- 2008** **Licentiate in Architecture (pre-Bologna)**
University of Porto Faculty of Architecture (FAUP).
Advisor: Camilo Rebelo. Jury: Rui Braz Afonso, José Manuel Barbosa.

3. ACADEMIC EMPLOYMENT

- 2020-** **External Lecturer**
EPFL, School of Architecture, Civil & Environmental Engineering (ENAC), Architecture Section (SAR).
- 2016-21** **Doctoral Candidate/Lecturer**
EPFL, Doctoral Program Architecture and Sciences of the City (EDAR), Laboratory Basel (LABA).

- 2017** **Visiting Lecturer**
University of Basel (UniBasel), Critical Urbanisms.
- 2014–16** **Scientific Assistant/Lecturer**
EPFL, ENAC, IA, Laboratory Basel (LABA), with Prof. Harry Guger.
- 2012** **Graduate Teaching Assistant**
FBAUL, Painting and Sculpture Departments, with Prof. Luísa Arruda.

4. ARCHITECTURAL PRACTICE

- 2013–** **Freelance/Consultancy**
Project selection:
- 2020 • Endspurt VoltaNord, consultant with ClaussMerz, BeL/Merlin Bauer. Basel, Switzerland.
- 2017 • La Rade de Genève, landscape design with Truwant + Rodet +. Geneva, Switzerland.
- 2013 • Biblioteca Pública, landscape design with SAMI Arquitectos. Setúbal, Portugal.
- Terminal 7, masterplan with SAMI Arquitectos. Setúbal, Portugal.
- 2009–11** **Project Architect**
Bureau Bas Smets, Brussels. Project selection:
- 142-B A11 Motorway, West Flanders, Belgium.
- 170-B Wivina Abbey, with De Vylder, Vinck, Tailieu, Brussels, Belgium.
- 129-B BXL2040, with 51N45 and l'AUC, Brussels, Belgium.
- 112-Rk Songdo Block A4, with Rex, Incheon, Seoul, South Korea.
- 100-B Twee Waters, with Xaveer De Geyter and Sephane Beel, Leuven, Belgium.
- 94-B Sloped Garden, with Office KGDVS, Brussels, Belgium.
- 088-F Parc des Ateliers, with Gehry Partners, Arles, France.
- 2008** **Intern**
Camilo Rebelo Arquitecto, Porto.
- 2006–7** **Intern**
JDS Architects, Copenhagen.

5. TEACHING ACTIVITIES

- 2022–** **Modernity, Architecture and the Environment**
EPFL ENAC SAR, elective theory course.
Conception and lecturing: a critical history of modernist environmental aesthetics.
2 hours/week × 12 weeks, Master 1 and 3.
- 2023/24 • Theme: Environmental Aesthetics.
- 2022/23 • Theme: Modernism and Environmentalism.
- 2015–** **UE U: Cartography**
EPFL ENAC SAR, elective teaching unit.
Conception and lecturing: cartographic method of environmental analysis.
5 hours/week × 12 weeks, Master 1 and 3.
Course blog: <https://ueucartography.com>.

- 2023/24 • Theme: Form vs. Context.
Guest workshop: Aurèle Pulfer.
- 2022/23 • Theme: Environmental Totalities.
Guest workshop: Aurèle Pulfer and Emmanuelle Augustoni.
- 2021/22 • Theme: Line, Enclosure, Frontier.
- 2020/21 • Theme: Social Housing Blocks.
Guest lectures: Faiq Mari, Nithin Bathla.
- 2019/20 • Theme: Habitation vs. Improvement.
Guest lectures: Denise Bertschi, Nazli Tümerdem, Godofredo Pereira.
- 2018/19 • Theme: Environmental Objects.
Guest lectures: Silvan Lanz, Charlotte Truwant, Christoph Kueffer, Ursula Biemann.
- 2017/18 • Theme: Lessons from Portugal.
In coordination with LABA studio Portugal Lessons.
- 2016/17 • Theme: Map vs. Landscape.
Guest lectures: Roberto Gargini, Chiara Cavalieri, Konstantinos Pantazis, Marco Ferrari, Sébastien Marot.
- 2015/16 • Theme: Cartography is Drawing.
Guest lectures: Alexandros Fotakis, Christian Gilot, Giovanni Piovene, Paola Viganò.

2014–21 **Laboratory Basel (LABA)**

EPFL ENAC SAR, elective design studio. Head professor: Harry Gugger.
Conception of first-semester didactic method for territorial reading and design. Coordination of the studio's yearly syllabi, lecture series, and field trips. Participation in all juries.
12 hours/week × 12 weeks × 2 semesters, Master 1.

- 2019/20 • Theme: Manor Lessons. Assistant.
- 2018/19 • Theme: Fez Lessons. Assistant.
- 2017/18 • Theme: Portugal Lessons: Environmental Objects. Coordination.
Guest lectures: Pedro Levi Bismarck, Godofredo Pereira, Bernardo Amaral, Álvaro Domingues, Nelson Mota, Victoria Easton, Emily Eliza Scott, Martino Pedrozzi, Inês Vieira da Silva & Miguel Vieira (SAMI), Anne Lacaton.
Partner University: FAUP, Porto.
- 2016/17 • Theme: Israel Lessons: Industrial Arcadia. Coordination.
Guest lectures: Eyal Weizman, Christian Bréthaut, Anna Minta, Ita Heinze-Greenberg, Matanya Sack.
Partner University: Techion, Haifa.
- 2015/16 • Theme: Venice Lessons: Industrial Nostalgia. Coordination.
Guest lectures: Elena Cogato-Lanza, Andrea Zanderigo, Pier Vittorio Aureli, Paola Viganò, Stefano Munarin.
Partner University: IUAV, Venice.
- 2014/15 • Theme: Icelandic Lessons: Industrial Landscape. Co-ordination.
Guest lectures: Nicolaus Kuhn, Massimo Santanicchia, Pétur H. Armannsson, Mathis Stock, Hansjürg Leibundgut, Mathis Stock.
Partner University: Listaháskóli Íslands (Iceland Academy of the Arts).
- 2013/14 • Theme: Underground Lessons. Assistant.

2017 **Mapping Infrastructure and Urbanization**

University of Basel (UniBasel), Critical Urbanisms, Übung (exercise).
Conception and lecturing cartographic method of territorial analysis.
Coordinated with design studio run by Kenny Cupers and Manuel Herz.
2 hours/week × 12 weeks, Master 1.

- 2016** **Water, Source of the Territory**
 HEAD Geneva and EPFL ENAC Week, elective workshop.
 Lecturing and cartographic support, 25-28 April. Cotaught with Luca Pattaroni, Séverin Guelpa, Tom Battin, Chiara Cavalieri, Elena Cogato Lanza, Barbara Tirone.
- 2013** **Landscape Drawing**
 Hogeschool Sint-Lukas, Multimedia Lab (MMLab), elective workshop.
 Conception and lecturing: workshop on outdoors landscape drawing.
 6 hours × 3 days, 8–10 April.
- Landscape Architecture Studio**
 Faculté d'architecture de l'ULB: La Cambre Horta, core unit. Head professor: Bas Smets.
 Erasmus-Traineeship Scholarship as teaching assistant.
 4 hours /week × 4 weeks, Bachelor.
- 2012** **Drawing II**
 FBAUL core unit. Head professor: Luísa Capucho Arruda.
 Assistant teaching in life drawing of still life and human anatomy.
 9 hours/week × 14 weeks, Bachelor 3.

6. RESEARCH SUPERVISION

- 2014–19** **Master Diploma**
Énoncé théorique and *Projet de master*, EPFL.
 Supervision (in the role of *maître*) of first-semester theoretical statement and second-semester project. All student work is available for download at <https://infoscience.epfl.ch>.
- 2018/19 • Manuela Schönenberger, “Beyond Reproduction: A Communal ‘Household’ for Basel.”
 • Margaux Ruiz, “Marrakesh Oasis: infrastructures sociales pour l’oued Issil.”
 • Charlotte Din, “Renouer avec la rue: trilogie d’espaces publics à Yango.”
 • Simon Ruey, “Les îles de Porto: logements sociaux et construction de la ville.”
- 2017/18 • Tania Depallens, “Caldas do Viaduto: Aging Territory and People of Beira Interior.”
 • Laura Stoll, “Decolonizing Nature: A Swamp in Mexico City.”
 • Alöis Rosenfeld, “A Kibbutz for the Tarbut School.”
 • Marie-Pauline Cryonnet, “Environmental Thresholds for Campus EPFL/UNIL.”
 • Diane Stierli, “Passage du Poète: la station-service du Lavaux.”
- 2016/17 • Charles Capré and Alexandre Gonin, “Port and Huts for Lake Baikal.” Prized.
 • Erminia Mossi, “Bali Tirtha Swastika: Water Plan from Peak to Coast.”
 • Hiroki Tanigaki, “Architectures for Tsunami Mitigation in Yaizu, Japan.”
- 2015/16 • Damien Guerra, “Alentejo: An Abandoned Railway Infrastructure.”
 • Patrick Britt, “Silent Zones: Thurgau.”
 • Allan Cunningham and Florean Maxime, “Swiss Lakes: Territorial Project for Lugano.”
 • Muriz Djurdjevic and Thomas Paturet, “Arctic 2030.” Prized.
 • Derya Sancar, “Infrastructural Monuments for Istanbul.” Prized.
- 2014/15 • Ivan Lopes and Florine Mercier, “Brasilia, 55 Years After Utopia.”

7. MEMBERSHIP IN JURIS

- 2022
 - Art Fundamentals, Profs. Karsten Födinger and Anja Fröhlich, EPFL, Lausanne, 7 December.
 - Al Di Là, Prof. Martina Voser, ETHZ MScLA, Zurich, 15 November.
 - Diploma, Profs. Emeric Lambert and Dries Rodet, ÉNSA, Versailles, 30 June.
- 2020
 - Diploma 7: Fluid Territories, Profs. Hamed Khosravi and Platon Issaias, AA, London, 17 December.
- 2019
 - Atelier 50: 5000, Profs. Christian Gilot and Adrien Verschuere, UCL LOCI, Tournai, 25 April.
- 2018
 - Beograd Unbuilt, Prof. Milica Topalovic, ETHZ, Zurich, 18 April.
- 2017
 - Master 2, Profs. Christian Gilot and Adrien Verschuere, UCL LOCI, Lausanne, 8 November.
 - Superstudio, Prof. Paola Viganò, EPFL, Lausanne, 7 November.
 - Critical Urbanisms, Profs. Kenny Cupers and Manuel Herz, Critical Urbanisms UniBasel, Basel, 31 May.
 - Communes, Prof. Milica Topalovic, ETHZ, Zurich, 12 April.
- 2016
 - Morphogenesis 16, Prof. Jeffrey Huang, EPFL, Lausanne, 31 October.
- 2015
 - Landbasics, Prof. Matanya Sack, Technion, Haifa, 28–29 July.

8. INVITED LECTURES AND WORKSHOPS

- 2023
 - “Type, Map, and Threshold.” Class lecture, *Architecture and Housing*, (Prof. Maria Conen), ETHZ, Zurich, 26 September.
- 2022
 - “The Green Line’s Organisms: Human-Plant Relations in War-Torn Beirut.” Respondent, *DocTalks x MOMA*, 4 October.
- 2020
 - “From Architectural Objects to Environmental Dialectics: Map, Threshold, and Type.” Videoconference, *Unmasking Space*, Chair of Landscape Architecture (Christian Gilot), ETHZ, Zurich, Switzerland, 11 November.
 - “Mapping Thresholds: Cartography and the Inside–Outside Divide.” Lecture and workshop, *Keynote Series*, Hochschule für Architektur Bau und Geomatik (FHNW), Muttenz, Switzerland, 30 September.
 - “Mapping Capitalist Environments.” Class Lecture, *Territory of the City: Landscape as Resource*, (Prof. Günther Vogt), ETHZ, Zurich, 30 March.
- 2019
 - “Israel Lessons: Industrial Arcadia.” Class lecture, *Israel Utopia*, Atelier Humbert-Sailer, Haute école d’ingénierie et d’architecture de Fribourg (HEIA-FR), Fribourg, Switzerland, 4 November.
 - “Mapping Environmental Thresholds: Cartography against the object-landscape divide.” Lecture, *Cycle des leçons du Mardi: La fin d’un monde*, École d’architecture de la ville & des territoires Paris–Est, Paris, France, 22 October.
 - “Mapping: Environmental Thresholds.” Class lecture, *Architecture of Territory: Territorial Design in Histories, Theories, and Projects* (Prof. Milica Topalovic), ETHZ, Zurich, Switzerland, 3 October.
 - “An Archeology of Enclosure: Embedding Architecture in the Ecocrisis.” Class lecture, *Open Lectures*, Bergen Arkitekthøgskole (BAS), Bergen, Norway, 11 September.
 - “There is a War on Life: Architecture and the Structural Crises of Capitalism.” Lecture, *Un Déjeuner Avec...*, EXPO CONF, EPFL, Lausanne, Switzerland, 30 April.

- “From Ecology to Economy – and Back Again?” Respondent, *Sessions on Territory – Urbanism and the Anthropocene* (Prof.s Milica Topalovic and Marc Angelil), ETHZ, Zurich, Switzerland, 29 April.
- “Behind the House Stands the Land: An environmental geography of Bairro da Malagueira.” Lecture, *Condition Series*, Das Verein, Basel, Switzerland, 28 February.
- 2018 • “Terrain Vague.” Panelist, *Reclaiming Urban Ecology*, Laser Zürich (World Wildlife Fund), Zurich, Switzerland, 1 September.
- 2017 • “Cartography and the Environmental Imagination.” Lecture, *Representing the City*, École Nationale Supérieure d’Architecture de Grenoble (ENSAG), Grenoble, France, 11 October.
- “Landscape Cartography: A language for environmental aesthetics in architecture.” Lecture, *European Countryside – Communes* (Prof. Milica Topalovic), ETHZ, Zurich, Switzerland, 26 April.
- 2015 • “Urban Nature.” Lecture, *Hausfest Ackermannshof*, Philosophicum, Basel, Switzerland, 12 September.
- “Industrial Landscape: Iceland.” Lecture, *Landbasics* (Prof. Matanya Sack), Technion—Israel Institute of Technology, Haifa, Israel, 28 July.
- “Urban Nature and the Ecology of Artificial Earth.” Class lecture, *The Hinterlands of Production* (Prof. Peter Staub), Universität Liechtenstein, Vaduz, Liechtenstein, 8 October.
- “Industrial Nostalgia: Venice.” Lecture, Università IUAV di Venezia, Venice, Italy, 18 December.
- “Landscape Aesthetics.” Lecture, *Public Fantaisie*, École nationale supérieure d’architecture de Strasbourg, Strasbourg, France, 21 February.
- 2014 • “Ecology is Queer.” Lecture, *Display*, TEOK and Depot Basel, Basel, Switzerland, 2 December.
- 2013 • “Landscape Drawing.” Class lecture, Erasmus Hoogeschool Jette, Brussels, Belgium, 29 March.
- “Desenho de Paisagem.” Workshop, FBAUL, Lisbon, Portugal, 20 May.

9. ORGANIZATION OF CONFERENCES

- 2017–19 Environmental Objects Lecture Series**
EPFL, LABA studio.
Conception and organization. Associated with studio and publication *Portugal Lessons*.
- 2019 • Environmental Objects IV, EPFL, Lausanne, 25 February.
Speakers: Bárbara Mações Costa, Pedro Levi Bismarck and Godofredo Pereira.
 - 2017 • Environmental Objects III, FAUP, Porto, 13 December.
Speakers: Bernardo Amaral, Pedro Levi Bismarck and Álvaro Domingues.
 - 2017 • Environmental Objects II, EPFL, Lausanne, 21 November.
Speakers: Nelson Mota, Victoria Easton and Emily Eliza Scott.
 - 2017 • Environmental Objects I, EPFL, Lausanne, 16 October.
Speakers: Martino Pedrozzi, Inês Vieira da Silva & Miguel Vieira (SAMI) and Anne Lacaton.

10. EXHIBITIONS

- 2018 • “UE U: Cartography as Environmental Language.” Archizoom Gallery, EPFL, Lausanne,

- Switzerland, 27 March to 17 April. Conception and organization.
- 2014 • “Homeland: News from Portugal.” Venice Architecture Biennale, Venice, Italy, 7 June to 23 November. Guest participant with SAMI Arquitectos.
- 2012 • “Fashion Hub.” Collective exhibition at Guimarães Capital da Culture, Guimarães, Portugal and Somerset House, London, UK. Clothing print design and collection illustrations in collaboration with Rita Afonso.

11. PUBLICATIONS

Academic Dissertations

- 2021 • Mações Costa, Bárbara. “Conduit, Patio, Waste: Mapping Environmental Thresholds in Bairro da Malagueira.” Ph.D. diss., Swiss Federal Institute of Technology in Lausanne (EPFL), 15 December. Available at <https://doi.org/10.5075/epfl-thesis-8185>.
- 2016 • Mações Costa, Bárbara. “Desenho de Paisagem: Investigações Sobre Representação Espacial.” Master diss., University of Lisbon Faculty of Fine Arts (FBAUL), 4 January. Available at <https://repositorio.ul.pt/handle/10451/35578?locale=en>.
- 2016 • Mações Costa, Bárbara. “Complexidade em Rede.” Prova Final, University of Porto Faculty of Architecture (FAUP), 8 November.

Articles in Journals

- 2023 • Mações Costa, Bárbara. “Cartography’s Weak Messianic Power.” *L’Atelier* 21 (June): 86–92.
- 2019 • Martignoni, Julia and Breeuwer, Karine, “(Un)Controlled, an interview with Bárbara M. Costa and Denise Bertschi.” *Trans* 35 (September): 18–23.
- 2017 • Mações Costa, Bárbara. “Eugenic Garden City: The Urbanism of Controlled Evolution.” *Kritische Berichte* 2 (July): 18–27. Peer-reviewed.
- 2014 • Mações Costa, Bárbara and Gugger, Harry. “The Ecology of Planetary Artifice.” *San Rocco* 10 (November): 32–40.

Conference Proceedings

- 2023 • Mações Costa, Bárbara. “Habitation vs. Improvement: Proletarian Islands in the Carnation Revolution.” *The Cost of Life: Oppression, Exploitation and Struggle in the Time of Monsters*, Twentieth Annual Historical Materialism Conference, London, 2023.
- 2022 • Mações Costa, Bárbara. “The World Exterior of Capitalism.” *Peripheralization: The production of ex-centric places as an ordinary process of extended urbanization*, RC21 Conference (24–26 August) Athens, Greece. Peer-reviewed.
- 2018 • Mações Costa, Bárbara. “Mapping Forms of Life in the World Ecology: Genealogy, Archeology, Aesthetics.” *Habitats in Time*, EPFL, 12 December. Peer-reviewed.

Chapters in Books

- 2018 • Mações Costa, Bárbara and Gugger, Harry. “Homemaking on a Hostile Planet.” In *Portugal Lessons: Environmental Objects*, edited by Harry Gugger, et al., 8–15. Zurich: Park Books.
- 2017 • Mações Costa, Bárbara and Gugger, Harry. “Arcadian Dreams and Agricultural Myths: Israel’s Promised Land.” In *Israel Lessons: Industrial Arcadia*, edited by Harry Gugger, et al., 8–15. Zurich: Park Books.
- 2016 • Mações Costa, Bárbara and Gugger, Harry. “The Paradox of Preservation” In *Venice Lessons: Industrial Nostalgia*, edited by Harry Gugger, et al., 65–69. Zurich: Park Books.

- Huijbens, Edward, Mações Costa, Bárbara and Gugger, Harry. “Undoing Iceland? The Pervasive Nature of the Urban.” In *Tourism in the Anthropocene*, edited by M. Gren and E. Huijbens, 34–51. Oxon, UK and New York, NY: Routledge.
- 2015 • Mações Costa, Bárbara and Gugger, Harry. “Abstract Environments: Industrial Iceland.” In *Icelandic Lessons: Industrial Landscape*, edited by Harry Gugger, et al., 3–5. Zurich: Park Books.

12. READING GROUPS

- 2022– • Hegel’s *Phenomenology of Spirit*, Marxist Education Project, 2 hours/week. Participant.
- 2022 • Imperialism and the Global South, 2 hours/week, January to October. Organizer.
- Close Reading of Marcello Musto’s *Karl Marx’s Writings on Alienation*, Marxist Education Project, 2 hours/week, February to July. Participant.
- 2021 • Feminist Social Reproduction Theory, 2 hours/week, January to August. Organizer.
- 2020–21 • Close Reading of Karl Marx’s *Grundrisse*, Marxist Education Project, 2 hours/week, April 2020 to October 2021. Participant.
- David McNally’s *Blood and Money: War, Slavery, Finance, and Empire*, Marxist Education Project, 2 hours/week, October 2020 to January 2021. Participant.

13. PRESS

- 2019 • Frochoux, Marc, “Leçons du Portugal: Pour une architecture environnementale.” *Tracées* (May): 36.
- 2018 • Catsaros, Christophe, “Israel Lessons, Industrial Arcadia: Le Laboratoire Bâle (laba) se penche sur Israël.” *Tracées* (September): 20–1.
- 2017 • Truwant, Charlotte and Mações Costa, Bárbara, “Des idées non primées pour la rade de Genève: Charlotte Truwant & Barbara Costa, projet n° 650 ‘Ferdinand’.” *Espazium* (10 August). Online.