

Istanbul Technical University – Department of Architecture
MIM 312E - Architectural Design VI, 21872
Course Syllabus | 2020-2021 Spring Semester

Course Day and Hour : Mon 13:30-17:30 / Thu 13:30-17:30
Course Room : Online
Course Credit : 5
Course Web Site : -

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RURAL & FUTURE : **Voices from the Countryside | Bandırma #2** Alternative Life and Architectures

For the last three years, our studio has worked in various metropolises such as New York, Istanbul, Athens, Moscow, Izmir with the theme of Future Visions @: New Urbanity - New Architecture. Projects developed by discussing cities from their border-lines which reveal the critical-creative attitudes in the metropolis. Through this approach, it was possible to catch the problematic/promising conditions in cities and make imaginative projections on them for the hopeful future.

Examining and discussing metropolises and their mechanisms, which have a very important role on the organization of life and earth, within a notion of future has been very stimulating. It introduced us to new life forms, architectural programs and spatial constructions. And it would be very interesting and promising discussing the rural issues at the continuation of these urban works. Then, the agenda of the studio moved from metropolis to countryside but again within the concept of future visions! In fact, utopias based on the idea of a future –with the idea of a more integrated world, life and environment– have already been involved in the notions of rural. Within this context, the proximity of rural to natural environment, the integrity of human-non-human beings there, the production techniques and lifestyles, settlement typologies and spatial arrangements of the countryside would be the inspirational situations at the projections. These qualities of the rural will also be responding to today's needs of people, society, and environment such as recovery, recreation...

On the other hand, after technological attacks of the 20th century, city culture and urban life –with its production systems, economy, service sectors, individual and social facilities, but especially with its intellectual and artistic occasions– had become a priority for the living environment. However, the countryside is getting a place to move from the city, although it was still a place to escape for the villagers, irreversibly. It was in a dual manner, becoming a place heavily escaped towards the city and occasionally from the city; and it became. With this feature, it has been called 'country+side' in fact... And, in the 2000s, the climate crisis and environmental disasters started to bring ecological / environmental issues to the fore and to bring nature and nature related subjects to the agenda more and more every day. In addition, the attacks in transportation, communication and information technologies (electronic/digital revolution) almost radically changed the notion of distance and required a re-evaluation of the all systems. Then the eyes are turned to 'rural/countryside' and again accept cities!

Within this frame, the studio targets to reveal the new positions through the theme of *RURAL & FUTURE: Voices from the Countryside | Bandırma #2* — Alternative life and architectures. By the way, undoubtedly, it also targets to reveal students' own design approaches and techniques.

Research and Discussion Topics

Critical and Creative Attitudes (border-lines, representations, imagination)

Rural (nature, topography, culture, net-works/infra-structures)

Future Visions (utopias)

Other **Projections** (examples)

Ecology, Technology and New Materiality (technology from high-tech to digital, to nano...; resources from basics to new materiality)

Poetics (art & aesthetics & architecture)

Studio Approach

Design by research : literature search and field study [contacts with locals / working with insiders to follow their paths and life cycles (3 profiles), deciphers (research on architectural examples), etc.

Research by design: design representations and practices (atlas, archi-cine section, transection, table and diagram, sketch, 2d and 3d drawings/models, manifesto and scenario writing, image making, etc.).

Open studio: sharing milieu, seminars, pin-ups, open discussions, desk/screen-crits, juries, etc.

Course Plan

WEEK	DATE	TOPIC
1	March 1 st	Introduction
	March 4 th	Reading & Discussion 1: Rural
2	March 8 th	Reading & Discussion: Rural Atlas (submission 1) Field Study via Literature Search (group works): Bandırma as a Countryside
	March 11 th	Reading & Discussion: Bandırma as a Countryside (submission 2) (via archi-cine sections and 3 profile)
3	March 15 th	Reading & Discussion: Future Bandırma ATLAS (submission 3)
	March 18 th	Reading & Discussion: Future Atlas (submission 4)
4	March 22 nd	Matrix of Bandırma, Rural & Future Atlases (submission 5)
	March 25 th	Reading & Discussion: Other Projections (submission 6) (via example decipher & presentation)
5	March 29 th	Project Proposal (via manifesto + manifesto image)
	April 1 st	Projects proposal (submission 7) (via narratives / scenario + storyboard / series of images)
6	April 5 th	Projects Proposal Development via architectural transections / programme matrix & tables
	April 8 th	Interim jury / Project submission 1
7	April 12 th	Desk/Screen-crits
	April 15 th	1st OPEN JURY

8	April 19 th	Readings and discussions 3: Ecology and New Materiality
	April 22 nd	Project proposal development: Desk/Screen-crits
9	April 26 th	Project development: Desk/Screen-crits
	April 29 th	Literature Search submission & discussion 3: Ecology and New Materiality (submission 8)
10	May 3 rd	Project proposal development: Desk/Screen-crits
	May 6 th	Project proposal development: Desk/Screen-crits
11	May 10 th	Project Development: Desk/Screen-crits
	May 13 th	Holiday
12	May 17 th	Readings and discussions: Poetics / Other Projections 2 (submission 9)
	May 20 th	Interim jury 2 / Project submission 2
13	May 24 th	Project Development: Desk/Screen-crits
	May 27 th	2ND OPEN JURY
14	May 31 st	Project Development: Desk/Screen-crits
	June 3 rd	Project Development: Desk/Screen-crits
15	June 7 th	Project Development: Desk/Screen-crits
	June 10 th	Interim jury 3 / Project submission 3
	Tba.	Final Project Submission

Recommended Readings

Rural + Future

- Allen, S. (1996). Field conditions. *Architectural Design*, 66, 21-21.
- Allen, S. (1999). *Points and lines: Diagrams and projects for the city*. Princeton Architectural Press.
- Allen, S. (2009). *From object to field: Field conditions in architecture and urbanism*. London.
- Ballantyne, A. (Ed.). (2009). *Rural and urban: architecture between two cultures*. Routledge.
- Berlanda, T. (2014). *Architectural Topographies: A Graphic Lexicon of How Buildings Touch the Ground*. Routledge.
- Brennan, J. (2006). The use of narrative in contemporary rural architecture. *arq: Architectural Research Quarterly*, 10(1), 13.
- Brownell, B. E., & Swackhamer, M. T. (2015). *Hypernatural: Architecture's new relationship with nature*. Princeton Architectural Press.
- Bunce, M. (1994) *The Countryside Ideal*. London: Routledge.
- Bunce, M. (2003) 'Reproducing rural idylls', in P.Cloke (ed.), *Country Visions*. Harlow: Pearson.
- Butcher, M. (2015). A lyrical architecture of the flood: Landscape, infrastructure, and symbiosis. *arq: Architectural Research Quarterly*, 19(3), 224-233.
- Cache, B., Bernard, C., & Davidson, C. (1995). *Earth moves: the furnishing of territories*. MIT press.
- Carlow, V. M. (2016). *Ruralism: The Future of Villages and Small Towns in an Urbanizing World*. Jovis.

- Cloke, P. 'Country backwater to virtual village? Rural studies and "the cultural turn" *Journal of Rural Studies* 13 (1997) 367–75.
- Cloke, P. (ed.) (2003) *Country Visions*. Harlow: Pearson.
- Cloke, P., Marsden, T., & Mooney, P. (Eds.). (2006). *Handbook of rural studies*. Sage.
- Dupuis, M., & Vandergeest, P. (Eds.). (1996). *Creating the countryside: The politics of rural and environmental discourse*. Temple University Press.
- Frampton, K. (1985). *Studies in tectonic culture*. Harvard University Graduate School of Design.
- Garforth, L. (2018). *Green utopias: Environmental hope before and after nature*. John Wiley & Sons.
- Gibson, K. (2019). Speculations on Architecting Care Beyond the Anthropocene. *Critical Care: Architecture and Urbanism For a Broken Planet*, 108-113.
- Gissen, D. (2009). *Subnature: Architecture's Other Environments*. Princeton Architectural Press.
- Gissen, D. (2009). The architectural production of nature, *Dendur*/New York. Grey Room, 58-79.
- Greider, T., & Garkovich, L. (1994). Landscapes: The social construction of nature and the environment. *Rural sociology*, 59(1), 1-24.
- Hart, J. F. (1998). *The rural landscape*. JHU Press.
- Halfacree, K. 'Locality and social representation: space, discourse and alternative definitions of the rural' *Journal of Rural Studies* 9 (1993) 1–15.
- Leatherbarrow, D. (2002). *Uncommon Ground: architecture, technology, and topography*. MIT Press.
- Leatherbarrow, D. (2011). Is landscape architecture? *Architectural Research Quarterly*, 15(3), 208-215. doi:10.1017/S1359135511000753.
- Leatherbarrow, D. (2015). *Topographical stories: studies in landscape and architecture*. University of Pennsylvania Press.
- Little, J. (2002) *Gender and Rural Geography*. Harlow: Prentice Hall.
- Manaugh, G. (Ed.). (2013). *Landscape Futures: Instruments, devices and architectural inventions*. Actar D Editorial.
- The Active Layer: An Interview with Mason White & Lola Sheppard*
Curator's Essay by Geoff Manaugh
Architectural Monsterology: An Interview with Liam Young
Superscape: : An Interview with Mark Smout & Laura Allen
Insect Spectacles: An Interview with Chris Woebken
- Marsden, T. (1998). New rural territories: regulating the differentiated rural spaces. *Journal of rural studies*, 14(1), 107-117.
- McPhee, J. (2011). The control of nature. Farrar, Straus and Giroux.
- Mormont, M. (1990) 'Who is rural? Or, how to be rural: towards a sociology of the rural', in T.Marsden et al. (eds), *Rural Restructuring*. London: Fulton.
- Mostafavi, M., & Najle, C. (Eds.). (2003). *Landscape urbanism: a manual for the machinic landscape*. Architectural Association.
- Platt, C., Pert, A., & Murray, G. (2011). Coastal conditions. *Architectural Research Quarterly*, 15(4), 312-326.
- Philo, C. 'Neglected rural geographies: a review' *Journal of Rural Studies* 8 (1992) 193–207. <http://dx.doi.org/10.1016/0743-0167%2892%2990077-J>
- Ruby, I., & Ruby, A. (2006). *Groundscapes: The rediscovery of the ground in contemporary architecture*. Gustavo Gili.
- Smout, M., & Allen, L. (2013). *Pamphlet architecture 28: Augmented landscapes*. Princeton Architectural Press.

- Şentürer, A. (2008). Zaman ve Mekânın Genişleme Aralığı Olarak “Sınır-Boyları. *in Zaman-Mekan*, 186-203.
- Şentürer, A. (2012). Designing through Layered Archi-Cine Sections / Sectional-Montages. In *Innovation in Design Education* (pp. 287-308). Allemandi.
- The Rural, (2019) Documents of Contemporary Art, Author: My villages. MIT Press.
- Lefebvre, H. (2003). Perspectives on rural sociology in *The Rural* p.22.
- The Nature, (2019) Documents of Contemporary Art, Author: My villages. MIT Press.
- Wescoat, J. L. (2012). On water, landscape, and architecture. *Architectural Research Quarterly*, 16(1), 6-8.
- Whatmore, S. (2002) *Hybrid Geographies: Natures, Cultures, Spaces*. London: Sage. <http://dx.doi.org/10.4135/9781446219713>
- White, M., Sheppard, L., Bhatia, N., & Przybylski, M. (2013). *Pamphlet Architecture 30: Coupling: Strategies for Infrastructural Opportunism*. Princeton Architectural Press.
- Woods, M. (2010) *Rural*. Taylor & Francis.
- Young, L., & Davies, K. (2013). A Distributed Ground: The Unknown Fields Division. *Architectural Design*, 83(4), 38-45.
- Young, L. (Ed.). (2019). *Machine Landscapes: Architectures of the Post Anthropocene*. John Wiley & Sons.
- Young, L. (2016). An Atlas of Fiducial Landscapes: Touring The Architectures Of Machine Vision. *Log*, (36), 125-134.
- Future and visionary architecture**
- Betsky, A., Chase, J., & Whiteson, L. (1991). *Experimental Architecture in Los Angeles*. Rizzoli Intl Pubns.
- Bora, E. S. (2016). *Yapım Ve Yıkım Eylemi Olarak Mimari Manifestolar* (Doctoral dissertation, Fen Bilimleri Enstitüsü).
- Bruno, G. (2018). *Atlas of emotion: Journeys in art, architecture, and film*. Verso Books.
- Clear, N. (2009). *Architectures of the near future*. Wiley.
- Coates, N. (2012). *Narrative architecture*. John Wiley & Sons.
- Conrads, U., & Bullock, M. (1976). *Programs and Manifestoes on 20th-century Architecture*.
- De Bleeckere, S., & Gerards, S. (2017). *Narrative Architecture: A Designer's Story*. Taylor & Francis.
- Deleuze, G. (1986). *Cinema 1: The movement-image*, trans. H. Tomlinson and B. Habberjam, *Minneapolis: University of Minnesota*.
- Deleuze, G. (1989). *Cinema 2: The time-image*, trans. H. Tomlinson and R. Galeta, *London: Athlone*.
- Deleuze, G., & Uysal, İ. (2006). *Müzakereler*. Norgun yayıncılık.
- Fraser, I., & Henmi, R. (1993). *Envisioning architecture: An analysis of drawing*. John Wiley & Sons.
- Gadano, P., Laia, J., Ventura, S., Berardi, F., Braidotti, R., Easterling, K., & Picon, A. (2017). *Utopia/Dystopia: A Paradigm Shift in Art and Architecture*. Mousse Publishing.
- Goodman, D. (2008). *A History of the Future* (p. 288). New York, NY, USA: Monacelli Press.
- Goyal, A. (2013). Field condition and the robotic urban landscapes.
- Jencks, C., & Kropf, K. (Eds.). (1997). *Theories and manifestoes of contemporary architecture* (Vol. 312). Chichester: Academy Editions.
- Luebke, C. (2015). *2050: designing our tomorrow*. John Wiley & Sons.
- Patt T. (2010) *The Collective Image: Form, Figure and the Future*”, in *Architecture at the Edge of Everything Else* eds. Choi, E. & Trotter, M., pp. 139–148.
- Sheil, B., Migayrou, F., Pearson, L., & Allen, L. (Eds.). (2016). *Drawing futures: Speculations in contemporary drawing for art and architecture*. UCL Press.

Spiller, N. (2006). *Visionary architecture: blueprints of the modern imagination*. Thames & Hudson.

Stakemeier, K., Witzgall, S. (2018) *The Present of the Future*. Diaphanes.

Rural // Urban Utopias:

Howard and Owen (Garden City), Wright (Broadacre City), Buckminster Fuller (Geodesic Dome For Manhattan), Aalto, Tony Garnier (Cité Industrielle), Saint Simon, Fourier, Bruno Taut (the Alpine Architecture), Frei Otto (the Utopian City)

Beevers, R. (1988). *The garden city utopia: A critical biography of Ebenezer Howard*. New York: St. Martin's Press.

Betsky, A. (2002). *Landscrapers: building with the land*. Thames & Hudson.

Buder, S. (1990). *Visionaries and planners: The garden city movement and the modern community*. New York: Oxford University Press.

Clevenger, S. M., & Andrews, D. L. (2017). 'A Peaceful Path to Healthy Bodies: The Biopolitics of Ebenezer Howard's Garden City. *Urban Planning*, 2(4), 5-9.

Clark, B. (2003). Ebenezer Howard and the marriage of town and country: An introduction to Howard's Garden Cities of To-morrow (Selections). *Organization & Environment*, 16(1), 87-97.

Creese, W. (1966). *The search for the environment. The garden city: Before and after*. Yale University Press.

Dougherty, J. (1981). Broadacre City: Frank Lloyd Wright's Utopia. *Centennial Review*, 239-256.

Howard, E. (1898). *To-Morrow: A peaceful path to real reform*. London: Swan Sonnenschein & Co.

Livesey, G. (2011). Assemblage theory, gardens and the legacy of the early Garden City movement. *Architectural Research Quarterly*, 15(3), 271.

Parsons, K. C., & Schuyler, D. (Eds.). (2002). *From garden city to green city: The legacy of Ebenezer Howard*. Baltimore: Johns Hopkins University Press.

Pinder, D. (2005). *Visions of the city: Utopianism, power and politics in twentieth-century urbanism*. New York: Routledge.

Wiebenson, D. (1960). Utopian Aspects of Tony Garnier's Cité Industrielle. *The Journal of the Society of Architectural Historians*, 19(1), 16-24.

Journals / Magazines

OASE 60 Urbanism Out Town, 2004:

Vermeulen, P. (2002). Countryside in the Nevelstad. *Urbanism Out of Town*, OASE, (60), 103–108.

OASE 63 Countryside, 2004:

Lofvers, W., & Musch, M. (2004). The Countryside. *Countryside*, OASE, (63), 2–13.

Timmermans, M., & Godefroy, P. (2004). Private Countryside. *Countryside*, OASE, (63), 88–97.

OASE 80 On Territories, 2009:

Avermaete, T., Havik, K., Meijsmans, N., & Teerds, H. (2009). Editorial. *On Territories*, OASE, (80), 1–6.

Beelen, K. (2009). The Map's Critical Project. Or, What do Maps Want?. *On Territories*, OASE, (80), 79–90.

Del Real, P. (2009). Wandering Around. Architecture as Treshold between Territory and Poetry. *On Territories*, OASE, (80), 61–69.

Havik, K., & Veldhuisen, S. (2009). Terristories. Site-Specific Research and Design. *On Territories*, OASE, (80), 70–76.

Hobhouse, N. (2010). A Design Brief. 100 Things One Can Do with the Countryside. *Commissioning Architecture*, OASE, (83), 41–49.

Is This Rural? Series Architecture Markers in the Countryside, a+t 53, 2020

Monu #16 Non-urbanism, 2012

AD 83 (3) : The New Pastoralism: Landscape Into Architecture:

Clear, N. (2013). The Persistence of the Pastoral. *Architectural Design*, 83(3), 86-93.

Institutes / Lectures Online

Strelka Institute: The Terraforming 2021

Design research program The Terraforming is a three-year (2020–2022) initiative of the Strelka Institute in Moscow, directed by Benjamin H. Bratton. Each program cycle runs for 5 months and invites a group of 30 interdisciplinary researchers.

Strelka Institute: The Terraforming 2020

Geonomos - Automation as Ecology - Artificial Metabolisms - Planetarnost

AA School: Unknown Fields by Liam Young and Kate Davies

Documentaries: Rare Earthenware, Breastmilk of Volcanoes, All Up in My Grill

The Bartlett School of Architecture: Envirographic and Techno Natures by Laura Allen and Mark Smout

Techno-Natures: The River Severn

Neo-Natures: Lanzarote

Geofluidic Landscape

Terra Incognita

Los Angeles: Arcadia vs. Utopia

Het Nieuwe Instituut: Automated Landscapes

Dairy Farms & Greenhouses - Data Centres - Factories

Victor Muñoz Sanz (TU Delft); Marina Otero Verzier, Marten Kuijpers, Grace Abou Jaoudeh (Het Nieuwe Instituut)

Harvard Design Magazine #46: Agricultural Platforms

Automated Landscapes is a long-term collaborative research initiative on the implications of automation for the built environment, launched in 2017 by Het Nieuwe Instituut, and directed by its Research department.

<https://automated-landscapes.hetnieuweinstituut.nl/en>

<http://sanz-serif.com/countryside-tour/>

<https://strelkamag.com/en/article/reporting-from-automated-landscapes>

<https://vimeo.com/305733361>

Columbia GSAPP: Ruralism Dialogues

Noah Chasin, Ziad Jamaledine, Andrés Jaque, Kaja Kühl, and Galia Solomonoff in conversation about the “rural” as an emergent terrain for research, architecture and urban design.

https://www.youtube.com/watch?v=ybPphPFIA1U&feature=emb_logo

Royal College of Art: Something in the Air: Politics of the Atmosphere by Marco Ferrari & Elise Hunchuck with Jingru (Cyan) Cheng

case study, the Sky River project

Thinking with Landscapes by Elise Hunchuck

Exhibitions

Countryside, The Future by AMO/Rem Koolhaas, NYC Guggenheim, 2021

Harvard GSD Lecture of Rem Koolhaas:

<https://www.youtube.com/watch?v=shVxB6wRH00&list=PLYKgY4s0izcwp1c6P16dSVO1qEK3cczux&index=3>

Guggenheim Museum:

<https://www.youtube.com/watch?v=eTbH5RWb66o&list=PLYKgY4s0izcwp1c6P16dSVO1qEK3cczux&index=2>

Online talk:

<https://www.youtube.com/watch?v=52QBZAaKvSI&list=PLYKgY4s0izcwp1c6P16dSVO1qEK3cczux&index=4>

Soundcloud:

<https://soundcloud.com/guggenheimmuseum/sets/countryside-the-future>

Landscape Futures, Nevada Museum of Art, 2011

Altered Landscapes, Nevada Museum of Art, 2012

Bandırma

....

Rural Utopias: Arcadias and Literature

Barnes, T. J., & Duncan, J. S. (Eds.). (2013). *Writing worlds: discourse, text and metaphor in the representation of landscape*. Routledge. (bulunamadı)

Callenbach, E. (1975). *Ecotopia*. Berkeley. Cal.: *Banyan Tree Books*. [Ekotopya, Agora Kitaplığı.]

Morris, W. (2002). *News from nowhere*. Broadview Press. [Hiçbir Yerden Haberler, Say Yayınları.]

Morris, W. (2010). *The wood beyond the world*. Broadview Press. [Dünyanın Ötesindeki Orman, İthaki Yayınları.]

Thoreau, H. D. (2009). *Walden; Or, Life in the Woods: Bold-faced Ideas for Living a Truly Transcendent Life*. Sterling Publishing Company, Inc. [Walden ya da Ormanda Yaşam, Zeplin Kitap].

Project Studio Assessment

in term discussions, preparatory work, desk crits, juries 40%

the architectural project, all work done during the semester supporting the submission (active participation in the studio process and juries, research, reading, presentation, daily and weekly workshops) 60%

80% attendance; sincere participation, production and sharing in studio

Note : Above Sections are given as minimum requirements. Faculty members are free to arrange the following sections and add additional sections as needed.