

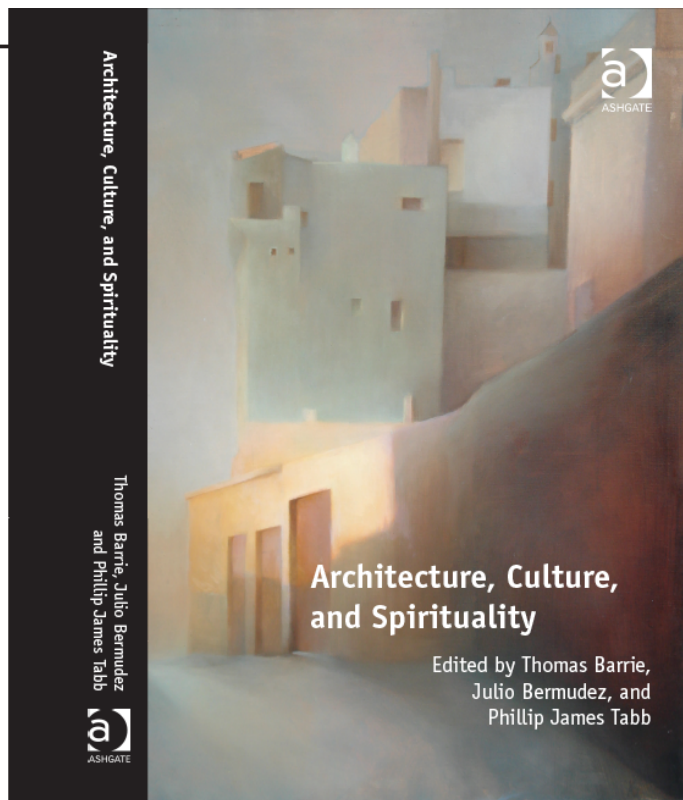
Architecture, Culture, and Spirituality

Edited by Thomas Barrie, North Carolina State University, USA,
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Phillip James Tabb, Texas A&M University, USA

Architecture has long been understood as a cultural discipline able to articulate the human condition and lift the human spirit, yet the spirituality of architecture is rarely directly addressed in academic scholarship.

The 17 chapters provide a diverse range of perspectives, grouped according to topical themes: Being in the World; Sacred, Secular, and the Contemporary Condition; Symbolic Engagements; Sacred Landscapes; and Spirituality and the Designed Environment. Even though the authors approach the subject from a range of disciplines and theoretical positions, all share interests in the need to rediscover, redefine, or reclaim the sacred in everyday experience, scholarly analysis, and design.

Cover image: Constanza Villarreal, *Hacia Itaca*, oil on canvas, 2013.



ARCHITECTURE, CULTURE, & SPIRITUALITY

Thomas Barrie, Julio Bermudez & Phillip James Tabb (co-editors)

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Short bios of the contributing authors

(in alphabetical order by last names)

NADER ARDALAN is President of Ardalan Associates, LLC, and a practicing architect with a long and distinguished international career in the fields of environmentally sustainable and culturally relevant design with a particular focus on Islamic Countries. He holds a Bachelor of Architecture from Carnegie-Mellon University and a Masters in Architecture from the Graduate School of Design, Harvard University. Academically, as of February 2011, he is the Senior Research Associate and Senior Editor of the *Persian Gulf Encyclopedia for Sustainable Urbanism* at the Harvard Graduate School of Design. Prior to that he was Director of the Persian Gulf Research Project at the Harvard Center for Middle East Studies and with Anthropologist Dr. Steven Caton, co-authored *The New Arab Urbanism in the Persian Gulf*. He is the co-author of *The Sense of Unity, the Sufi Tradition in Persian Architecture*, Chicago University Press; author of *Blessed Jerusalem*, Harvard University and a number of other publications. He has been a Visiting Professor at Harvard, Yale, MIT and Tehran University. He has been a founding member of the Steering Committee of the prestigious Aga Khan Award for Architecture; A current member of the Executive Committee of the Forum for Architecture, Culture and Spirituality.

THOMAS BARRIE AIA is a Professor of Architecture at North Carolina State University. His research focuses on alternative histories of architecture and, in particular, the interrelationship of a culture's architecture, its cultural/religious beliefs and its socio-political, doctrinal and ritual agendas. His research has brought him to sacred sites around the world and he has published

numerous articles and lectured extensively on his subject area. He is the author of *The Sacred In-Between: The Mediating Roles of Architecture* (Routledge, 2010) and *Spiritual Path, Sacred Place: Myth Ritual and Meaning in Architecture* (Shambhala, 1996).

MICHAEL BENEDIKT is the Director of the Center for American Architecture and Design (CAAD) at the University of Texas at Austin, where he holds the Hal Box Chair in Urbanism and teaches design studio and architectural theory. He is a graduate of the University of the Witwatersrand in South Africa and of Yale University. Although he has run a small architectural practice (mainly residential), he is best known for his teaching and writing. His books include *For an Architecture of Reality* (1987), *Deconstructing the Kimbell* (1991), *Cyberspace: First Steps* (1991), *Value* (1997) and *Value 2* (1998), *Shelter: The 2000 Raoul Wallenberg Lecture* (2001), *God Is the Good We Do: Theology of Theopraxy* (2007), and *God, Creativity, and Evolution: The Argument from Design(ers)* (2008). He is Executive Editor of the book series *CENTER: Architecture and Design in America*, with recent volumes such as *On Landscape Urbanism* (2007), *Latitudes: Architecture in the Americas* (2012), and *Space + Psyche* (in press). He has lectured widely on design theory, the esthetic of ethics, phenomenology, economic philosophy, and the future of architecture, all of which, in his own mind, are “one thing.” In 2004, he was named a Distinguished Professor by the Association of Collegiate Schools of Architecture (ACSA).

JULIO BERMUDEZ is an Associate Professor at the Catholic University of America School of Architecture and Planning where he directs the Sacred Space and Cultural Studies graduate concentration. He holds a Master of Architecture and a Ph.D. in Education degrees from the University of Minnesota. His expertise covers architectural phenomenology and the relationship between architecture, culture and spirituality. Bermudez has widely lectured, led symposia, and published in these areas. His current research includes a fMRI study of architecturally induced contemplative states and a large survey on profound experiences of place. His book “*Transcending Architecture*” published by CUA Press was released in Winter 2015. He co-founded the Forum for Architecture, Culture and Spirituality in 2007. Bermudez has received many recognitions including the 1998 AIA Education Honors Award, the 2004-05 ACSA Creative Achievement Award, the 2005 Premio Trayectoria Creativa Arturo Montagu (by SIGraDI, Latin America), and the 2010 Sasada Award (by CAADRIA, Asia).

Dr. **HYEJUNG CHANG**’s scholarly interests lie in design theory and practice that promote shared values for healthy communities and human well-being. Her research centers on aesthetics, environmental ethics and the culture and value of urban landscapes and place-making, sacred landscapes – all in relation to environmental sustainability. Dr. Chang is currently an Assistant Professor of the Department of Landscape Architecture at Clemson University and teaches undergraduate and graduate design studios as well as seminar courses such as Master’s Thesis Project, Key Issues in Landscape Architecture, Research Methods, and Introduction to Landscape Architecture.

PREM CHANDAVARKAR is the managing partner of CnT Architects: an architectural practice based in Bangalore, India. CnT has produced award-winning and published work throughout a history that stretches back across generations to being Bangalore’s first architectural firm. Prem is a former Executive Director of Srishti School of Art Design & Technology in Bangalore. He is an academic advisor and guest faculty at Indian and international architecture colleges. Besides his design practice at CnT, he writes and lectures on architecture, urbanism, art, cultural studies and education.

Dr. **MICHAEL J. CROSBIE** is the editor of *Faith & Form* magazine, the Interfaith Journal on Religion, Art, and Architecture, and writes and lectures extensively on the topic. He is Associate Dean of the College of Engineering, Technology, and Architecture, Chair of the Department of Architecture, and Professor of Architecture at the University of Hartford. He is a member of the College of Fellows of the American Institute of Architects, and a recipient of the Edward S. Frey Memorial Award in recognition of his contributions made to religion, art, and architecture, bestowed by the Interfaith Forum on Religion, Art, and Architecture, and the AIA. He is also an active member of the Forum for Architecture, Culture, and Spirituality.

ANAT GEVA, Ph.D., architect (registered in Israel, Associate of AIA), is a Professor in the Department of Architecture at Texas A&M University. She teaches architectural design studios, and classes on sacred architecture, history of building technology, and introduction to historic preservation. She is a Faculty Fellow of the University's Center of Heritage Conservation and the Religious Studies Program. She is the current President of SESA and serves on the executive committee of ACS. Dr. Geva's book *Frank Lloyd Wright's Sacred Architecture: Faith, Form, and Building Technology* was published last October by Routledge. She is a co-editor of the journal *Preservation Education and Research*. Additionally, she has published and presented articles in the areas of sacred architecture, historic preservation, and history of building technology. She is a recipient of several awards and research grants including the prestigious James Marston Fitch National Award for innovative research in historic preservation.

RUMIKO HANDA, Professor of Architecture, University of Nebraska-Lincoln, has a B.Arch. from the University of Tokyo and a M.Arch., M.S.Arch., and Ph.D. from the University of Pennsylvania. She received the American Institute of Architecture Students' 2002 National Educator Honor Award and grants from the Graham Foundation for Advanced Studies in the Fine Arts, the Huntington Library, the University of Michigan's Center for Japanese Studies, etc. She has organized and/or chaired conference sessions for the Association of the Collegiate Schools of Architecture, the Society of Architectural Historians, the International Association for the Studies of Traditional Environments, and the Architecture Culture Spirituality Forum. Her articles have appeared in *The Encyclopedia of Twentieth-Century Architecture*; *Architectura: Elements of Architectural Style*; *Transportable Environments: Theory, Context, Design and Technology*; and the journals of the Society of Architectural Historians, the Bibliographical Society of America, the Design Research Society, *Nexus: Architecture and Mathematics*, etc. She co-edited *Conjuring the Real: The Role of Architecture in Eighteenth-and Nineteenth-Century Fiction*.

LINDSAY JONES is a Professor in the Department of Comparative Studies and director of the Center for the Study of Religion at The Ohio State University. As a historian of religions (PhD, University of Chicago), he is interested both in the cross-cultural comparison of religious phenomena and in the theories, methods and history of the academic study of religion. His early training in design issues led to continuing interests in sacred architecture and the arrangement of space in all contexts, with special concerns for the peoples, cultures and religions of Mesoamerica. He is author of *Twin City Tales: A Hermeneutical Reassessment of Tula and Chichén Itzá* (University Press of Colorado, 1995) and a two-volume study entitled *The Hermeneutics of Sacred Architecture: Experience, Interpretation, Comparison* (Harvard University Press, 2000). Additionally, he is editor in chief of a revised second edition of Mircea Eliade's 16-volume *Encyclopedia of Religion* (Macmillan Reference USA, 2005).

REBECCA KRINKE is Professor of Landscape Architecture at the University of Minnesota. She holds degrees in art and design and has a multidisciplinary practice that works across sculpture, installations, public art, site works, and social practice. In broad terms, all of her work deals with issues related to place and emotion. Krinke disseminates her work through permanent and temporary public works and gallery shows. She is co-convenor of the international artist-academic network: *Mapping Spectral Traces* and a member of the UK-based group *PLaCE*, an artist-academic collective for place-based practice and research. Krinke is a frequent guest lecturer and critic; recent presentations include: University of the West of England, Bristol, UK and University of Leeds, UK (2013), University of Ireland/Maynooth and University of Ireland/Galway (2012). Krinke's published works include: *Contemporary Landscapes of Contemplation* (editor and contributor), Routledge, 2005.

A.T. MANN graduated from the Cornell University College of Architecture, and worked for prominent architects in New York City and Rome. He lived in Europe for 28 years and has written 14 books on a variety of subjects, most recently *Sacred Architecture*, *Sacred Landscapes* and *The Sacred Language of Trees*. He lectures and teaches all over the world, and is working on documentary films about the presence of the sacred in the world, and the connection between neuroscience and spirituality. He lives in Hudson, NY.

PHILLIP TABB is Professor of Architecture at Texas A&M University where he is the holder of the Liz and Nelson Mitchell Professor of Residential Design. He served as Head of the Department from 2001-2005, and was Director of the School of Architecture and Construction Management at Washington State University from 1998-2001. He completed a Ph.D. dissertation on *The Solar Village Archetype: A Study of English Village Form Applicable to Energy Integrated Planning Principles for Satellite Settlements in Temperate Climates* in 1990. Among his publications are *The Greening of Architecture* published by Ashgate in 2014, and *Solar Energy Planning* published by McGraw-Hill in 1984. Tabb is the master plan architect for Serenbe Community - a sacred and sustainable community being realized near Atlanta, Georgia. He received his Bachelor of Science in Architecture from the University of Cincinnati, Master of Architecture from the University of Colorado, and Ph.D. from the Architectural Association in London. Dr. Tabb is a practicing urban designer and licensed architect, and holds a NCARB Certificate.

RANDALL TEAL is a writer, teacher, painter and designer. His pedagogical and research interests are in design fundamentals and architectural theory with a significant influence from Continental thought. His writing focuses primarily on understanding and promoting situated dialogue between creative processes and the built environment.

PAUL TESAR studied architecture at the T.U. Wien (Dipl.Ing. 1968). He was awarded a Fulbright Grant to study at the University of Washington in Seattle (M.Arch. 1971). Before joining the faculty at North Carolina State University in 1975, he held teaching appointments at the T.U. Wien and at RPI. His scholarship centers on Aesthetics, Theory, and Vernacular Architecture. He has numerous publications to his credit and has lectured, taught, and served as a studio critic in architecture schools in the U.S. and abroad. His dissertation (PhD, T.U. Wien 1992) examines the social phenomenology of Alfred Schütz for its applicability to architectural theory. Paul was named Alumni Distinguished Professor at NC State in 1992 and received the UNC Board of Governors Award for Excellence in Teaching in 2005. He served as Head of the Department of Architecture in 1990/91 and as Director of the School of Architecture in 2007/08

DENNIS ALAN WINTERS is a landscape architect with degrees in landscape architecture (M.L.A., Cornell University) and architecture (B.Arch., University of Florida), urban design studies at Teknillinen Korkeakoulu in Finland, and professional work in environmental analysis and regional land use planning. He designs, builds and writes about gardens for meditation and sacred landscape through his Toronto studio, *Tales of the Earth*. He is the author of *Searching for the Heart of Sacred Space* (Toronto: The Sumeru Press, 2014), a book reflecting on deep relationships among landscape, Buddhism and personal awakening, focusing on research in Kyoto and Western Tibet.

About the artist whose work is in the cover of the book:

MARIA CONSTANZA VILLAREAL was born in Santa Fe, Argentina in 1978. After finishing architecture school, she decided to pursue her passion for painting full time, following an autodidactic path. Her intuitive and intrepid creative approach has allowed her to develop a personal and sensible language. Villareal held her first solo exhibition at the Cultural Center of Santa Fe, Argentina in 2005. In 2009, she moved to Rome, where she continued her artistic training at the Atelier Canova Rome and later at the Florence Academy in Florence. Her studies in the classic atelier system helped to accentuate the poetic and meditative aspect of her work. In addition to continue to show her work in Argentina, Villareal has exhibited her paintings in Italy, Spain and the United States, for which she has received several recognitions.