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**E M RISSE**

**CURRICULUM VITAE AND SUMMARY OF WORK**

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# E M RISSE

## CURRICULUM VITAE

### I. SUMMARY

#### A. Experience

*[For a complete survey of professional experience and affiliations, refer to Curriculum Vitae, Parts II through VI and Part VIII respectively.]*

Spanning 45 years, E M Risse's career has focused on helping his employers, clients and citizens secure economic prosperity, social stability and environmental sustainability. These goals are achieved through the evolution of Balanced Communities in sustainable New Urban Regions. Clients and employers have included municipal, regional, state and federal Agencies, as well as Enterprises, Institutions and individuals.

As the principal of SYNERGY/Planning, Risse provides strategic and tactical research as well as planning, design and implementation to achieve client's objectives by:

- Planning the location and relocation of major generators of Urban activity and supporting infrastructure to achieve a Balance of travel demand with transport-system capacity
- Solving Mobility and Access deficiencies by creating desirable land-use patterns and densities in conjunction with shared-vehicle systems, telecommunications / transportation tradeoffs and other strategies
- Providing affordable and accessible housing with access to OpenSpace and a sense of community at all scales of human settlement
- Achieving optimum land-use patterns including the application of infill, backfill and refill of existing Urban and NonUrban components of human settlement
- Building consensus to reach agreement on principles and goals among diverse interests and Organizations
- Implementing The Third Way strategies to create sustainable human settlement patterns and overcome the stalemate and polarization generated by positions of 'No Growth' on one hand and 'Business-As-Usual' / 'Growth is Always Good' on the other.

E M Risses has extensive national and international experience in creating and implementing plans for the development and conservation of major land parcels and for the provision of transport and other infrastructure facilities.

Risse has focused on the location, relocation and implementation of major generators of urban activity and the location and relocation of major transport facilities. Application of telecommunication substitutions for transportation is part of this work. Clients include federal and state planning, transportation and development Agencies, regional authorities, municipalities, citizen associations, Institutions and Enterprises ranging from multi-national corporations to small partnerships and individuals.

Dr. Risse has assisted public and private clients in determining the best use of land and in guiding the land-use control process to that end. He has also assessed the transportation implications of land-use changes and assisted in the implementation of transportation improvements.

E M Risse has been responsible for planning new communities and large-scale mixed-use and multi-use developments. Nationally, he has designed, planned and managed the provision of professional services for 36 major projects in 13 states. These projects are designed to provide homes, employment, services, and openspace for over 600,000 people on over 150,000 acres.

In the Washington/Baltimore New Urban Region, projects that Mr. Risse has planned provide homes to over 50,000 residents and buildings for over 20-million square feet of employment and retail space, as well as the Services, Amenities and infrastructure to support these uses. Projects in the Region for which he has provided comprehensive services including strategic, tactical and site planning have resulted in the construction of over \$2.5 billion in facilities and over \$1.5 billion in infrastructure [2006 dollars]. There are well over 500,000 residents and 20,000 workers occupying over 75-thousand square feet of building space in the components of human settlement upon which he has provided professional services in the region.

In the northern part of Virginia, Risse has planned, among others, the 1,600-acre village-scale Burke Centre, home to 20,000 residents, and the 640-acre, multi-use neighborhood of Fair Lakes. Fair Lakes provides an environmentally-sound setting for office, retail and service buildings supporting over 20,000 workers and 2,200 dwelling units. Fair Lakes is a neighborhood within the North Village of the 5,400-acre Fairfax Center Planned New Community. Risse served on the public/private-sector task force that planned Fairfax Center.

E M Risse is the architect of large-scale land-use control systems; the best known covers the 6-million-acre Adirondack Region in New York State. This three-tier planning and land-use control structure is based on the principle that the level of control should be at the level of impact. Risse has also designed, implemented and managed land-use control systems to support planned development at the neighborhood, village and community scales, as well as systems to preserve historic, cultural and natural resources in the Park.

Mr. Risse has created plans for the redesign and reuse of existing urban places to enhance market penetration and provide needed services. His experience includes work as a public agency planner and as an advisor to a range of private-sector businesses. In these roles, he has identified niche markets and planned for the utilization of infill, backfill, passed-over and edge sites. Risse has also facilitated and implemented adaptive use and reuse of structures to preserve historic and cultural resources and support conservation of the natural environment in North America and in the Caribbean.

Dr. Risse has planned, designed, supervised the implementation of, as well as written about, photographed and lectured on, desirable patterns of development ranging in scale from Regions and Planned New Communities to small mixed-use Neighborhoods, Clusters and Dooryards. He has also drafted and implemented governance systems for planned communities. Along with his management responsibilities, Risse served as Village Manager of Burke Centre, VA, from before the start of construction until the project was near completion and home to 18,000 of the planned 20,000 residents six years later.

E M Risse has served as master of ceremonies for conferences, appeared on radio and television and given keynote speeches, testimony, lectures, seminars and workshops. These presentations for professional, governance, interest groups and the general public, have covered the range of his experience.

Dr. Risse's academic experience includes: Adjunct Professor of Planning in the University of Virginia's Northern Virginia Graduate Planning Program, Adjunct Professor of Land-Use Law at the George Mason University Law School and an Assistant and an Associate Professor of Architecture and Urban/Environmental Studies at Rensselaer Polytechnical Institute, School of Architecture. His experience includes teaching the graduate-level New Urban Region® with his wife at several universities.

Prof. Risse is the author of two major books.

***The Shape of the Future: (Volume One) The Critical Overarching Impact of Human Settlement Pattern on Citizens' Economic, Social and Environmental Well-Being and (Volume Two) Prospering in 21<sup>st</sup> Century New Urban Regions*** was published in 2000.

His second book ***TRILO-G: FOUNDATIONS, BRIDGES, ACTION: How to Make the World a Better Place One Alpha Community at a Time*** was published in 2010.

Risse's Website, [www.emrisse.com](http://www.emrisse.com) includes LINER NOTES for both these books, and provides context for his studies, articles, essays, columns, reports, handbooks and graphic presentations on human settlement patterns. The Website includes Current Perspectives, a gallery of photographs and links to resources.

## **B. Education**

*[For a complete survey of education, refer to Curriculum Vitae, Part VII.]*

University of California, Berkeley. Law and City and Regional Planning, College of Environmental Design/School of Law, 1962—1965. JD/LLB, 1965.

University of Hawaii, Honolulu. 1960—1961.

University of Montana, Missoula. 1956—1960. BA Math, 1961.

## **II. PROFESSIONAL EXPERIENCE**

E M Risse established the firm, E M Risse Consultant in Planning, in June 1965. The practice became part of SYNERGY/Planning, Inc. [S/P] in 1987. Since 1987, Mr. Risse has devoted the majority of his time to the projects of S/P. [See *S/P Projects Overview, Part IV.*]

Mr. Risse was Senior Vice President for Planning and Design at Hazel/Peterson Companies, 1985—1987. He was engaged as a consultant to corporations and partnerships controlled by John T. Hazel, Jr. and Milton V. Peterson, 1976—1984.

As Vice President and Director of Planning and Design at Richard Brown Associates—Planners, Architects and Engineers, Mr. Risse was responsible for the formation and supervision of inter-disciplinary teams planning, designing and developing large tracts of land in the eastern and southern United States, 1972—1976.

In addition to his consulting practice and management positions in the private sector, Mr. Risse held positions as a Village, Community and Regional planner in New York State and Puerto Rico, 1965—1972.

Mr. Risse served as 2nd Lieutenant, U.S. Army, Intelligence and Security. Active duty, 1961—1962. Reserve Officer, 1962—1965.

## **III. TEACHING EXPERIENCE**

University of Virginia, Northern Virginia Graduate Planning Program, Adjunct Professor of Planning, 1986—2002. Courses included, among others: Planning for a Sustainable Region, Land Development Planning and Comprehensive Planning.

The New Urban Region®, a graduate-level course, at University of Virginia's NOVA Program, George Mason University and Virginia Tech, 1991—1998.

George Mason University School of Law, Arlington, Lecturer in Law, 1981—1983.

Rensselaer Polytechnic Institute, Troy, NY, Assistant and Associate Professor, School of Architecture and Urban Environmental Design, 1969—1972.

Visiting Lecturer, Syracuse University, Cornell University, Michigan State University.  
Lecturer and critic, planning and design topics.

#### **IV. SYNERGY/PLANNING—PROJECTS OVERVIEW**

*[Also see Part V. Publications and Part VI. Selected Project Responsibilities and Related Publications.]*

For the past 23 years, Principal E M Risse has focused S/P's planning work into three primary fields of specialization to improve clients' competitiveness, effectiveness and standing.

##### **New Urban Region®Services:**

- Pattern and density of land use to achieve competitive Enterprises
- Location, relocation and implementation of major generators of urban activity
- Location and relocation of transportation facilities and other infrastructure
- Optimizing land-use/transportation relationships to achieve economic prosperity, social stability and environmental sustainability
- Courses, presentations, publications, testimony and education programs

##### **Transportation, Telework and Telecommunications/Transportation Tradeoffs:**

- Transportation facility strategies
- Transportation demand management
- Telework applications

### **Site, Project and Institutional Planning:**

- Determining the best use for land parcels and securing approvals to achieve that use
- Optimizing site utilization including site reuse
- Optimizing utilization of existing and proposed transportation facilities

### **New Urban Region®Services**

S/P has developed solutions to enhance competitiveness and efficiency by maximizing regional and subregional land-use and transportation impacts of major new urban activity generators.

S/P projects have included strategies related to the land-use impact of proposed inter-regional transportation facilities and proposed mixed- and multi-use projects, theme parks and events pavilions. S/P has analyzed the market and tax-base relocation and regional transportation impact and carried out alternative site evaluations for these uses.

S/P has designed and conducted land-use and transportation tours of communities of the Virginia Subregion and of the Washington-Baltimore New Urban Region. The firm has structured orientations on regional pattern and density of land use for national professional organizations and has created and taught a graduate-level course on the New Urban Region®.

S/P has formulated municipal and service-district development and conservation strategies and has helped evaluate the impact of shared-vehicle systems on the pattern and density of land use in station areas.

S/P has provided courses, lectures, publications and testimony on topics ranging from statewide growth management and regional settlement patterns to plans and strategies for subdivision recycling and for the reuse of urban spaces and buildings.

S/P has prepared seminars and education programs that prepare citizens to participate effectively in the creation of functional human settlement patterns.

### **Transportation, Telework and Telecommunications/Transportation Tradeoffs**

S/P has analyzed the impact of telecommunications and telework on transportation facilities and travel demand. Analyses include the location of telework centers as related to commuter rail and the impact of telework and telecommuting on energy consumption.

Transportation implementation projects have included transit development strategies, Interstate corridor improvement strategies and shared-vehicle system station area land-use patterns and densities. S/P has helped evaluate special public transportation demand in low-density areas.

S/P has developed plans and strategies for the application of telework for specific sites and for specific organizations. In addition, it has both organized and assisted in organizing telework and telecommuting conferences.

### **Site, Project and Institutional Planning**

In determining the best use for land parcels, S/P has created site-development and conservation strategies for national and regional partnerships. Projects have included Planned New Communities, mixed-use developments, private transportation facilities, regional analyses of institutional locations and subregional elder-care solutions.

Other projects have included power transmission line location and relocation, as well as tree preservation, Openspace maintenance strategies and improved design-review processes.

## **V. WEBSITE, BOOKS, COLUMNS, SPECIAL REPORTS, BACKGROUNDERS, PRESENTATIONS AND GRAPHIC PROGRAMS**

Dr. Risse, through SYNERGY/Resources, has written two major books and over 200 studies, articles, essays, reports and handbooks on topics related to his practice. In addition, he has authored 131 columns, nine Backgrounders and numerous Current Perspectives on economic, social and physical ramifications and impacts of functional and dysfunctional of human settlement patterns.

SYNERGY/Photography has a 22,000 slide and digital graphics library of images photographed by Risse. In addition, he has created over 75-slide presentations and PowerPoint programs illustrating his work and human settlement patterns. Graphics are used to illustrate his presentations and written materials. They range from natural-area preservation and optimum land-use patterns and densities to transportation-system design and telework. These images have also been used to illustrate brochures, articles and books by other authors.

Presentations, utilizing material from SYNERGY/Resources and graphics from SYNERGY/Photography, have been enhanced by work and extensive travel in North America, Western and Central Europe, Scandinavia, and the Caribbean.

Website [www.emrisse.com](http://www.emrisse.com)

In 2010, Risse created an comprehensive website that provides an introduction to SYNERGY/Planning. The site includes sections on Publications, a Graphics Gallery, continuously updated Current Perspectives, access to Resources and Biographic material. The [www.emrisse.com](http://www.emrisse.com) website provides access to the LINER NOTES for Risse's two major books. Also featured are regularly posted Current Perspectives which illustrate the topics related to human settlement patterns and its direct impacts on the well-being of citizens and their daily lives.

Each Current Perspective examines a topical event or condition related to the Helter Skelter Crisis, the Mobility and Access Crisis and the Affordable and Accessible Housing Crisis. Individual Current Perspectives cover topics that range BP's Macondo Blowout in the Gulf of Mexico and Marcellus Shale to Regional and MegaRegional economics, DeGrowth and the vehicles which will replace the *Large, Private* Vehicle to provide citizens with Mobility and Access.

## Books

Prof. Risse has framed a science-based unified field theory of human settlement which is articulated in his two settlement pattern treatises: *The Shape of the Future* and *TRILO-G: FOUNDATIONS, BRIDGES, ACTION*.

*The Shape of the Future: (Volume I) The Critical, Overarching Impact of Human Settlement Pattern on Citizens' Economic, Social and Environmental Well-Being and (Volume II) Prospering in 21st Century New Urban Regions* was published by SYNERGY/Resources in 2000. This book, as the subtitle suggests, is an inquiry into the evolution of human settlement patterns and the future.

It explores the relationship between land-use pattern and density and economic prosperity, social stability and environmental sustainability. It lays out Six Overarching Strategies to achieve functional human settlement patterns and achieving a sustainable trajectory for civilization. This book is a distillation of the experiences and insights gained by E M Risse during his professional practice. See *The Shape of the Future* LINER NOTES at [www.emrisse.com/publications](http://www.emrisse.com/publications)

Following publication of *The Shape of the Future*, Risse created a handbook and reports based on the Conceptual Framework and Vocabulary introduced in the book. This research, graphics and writing was carried out to meet client objectives with respect to functional settlement patterns in the Urbanside and in the Countryside. This work included Risse's *Citizen's Handbook: Three Step Process to Create Balanced Communities and Sustainable New Urban Regions* (2004) and *Property Dynamics, a Program of The 1000 Friends of Virginia's Future* (2005).

The *Citizen's Handbook* has been updated and is included in *TRILO-G* as PART TWELVE – HANDBOOK. *Property Dynamics* is profiled in *TRILO-G* – PART THIRTEEN – PROPERTY DYNAMICS.

Risse's second major book, *TRILO-G: FOUNDATIONS, BRIDGES, ACTION: Making the World a Better Place One Alpha Community at a Time*, was published by Synergy/Planning in 2010. *TRILO-G* presents a summation of Dr. Risse's experience, incorporating into a single, three volume book the insights gained during his professional life. See *TRILO-G* LINER NOTES at [www.emrisse.com/publications](http://www.emrisse.com/publications)

Mr. Risse is the designer of Regional Metrics and the architect of The Third Way. These tools provide a Conceptual Framework for citizen education tools to help resolve the stalemate between Business-As-Usual / Mass OverConsumption and misguided growth control / NYMBYism. These tools are used to implement the Six Overarching Strategies outlined in *The Shape of the Future*. They are also employed to resolve the Helter Skelter Crisis, the Mobility and Access Crisis and the Affordable and Accessible Housing Crisis articulated in *TRILO-G*.

## Columns

Commencing in November 2002, Risse authored 131 columns on current human settlement pattern subjects. These columns appeared in *Bacon's Rebellion*, an eZine published by James A. Bacon. After that eZine was sold and dramatically changed focus, Risse discontinued writing Bacon's Rebellion columns but has posted comments, essays and perspectives on a blog published by Mr. Bacon: [www.baconsrebellion.blogspot.com](http://www.baconsrebellion.blogspot.com). An index and copies of the columns and some of the blog posts are found in Chapters 46 and 48 of *TRILO-G* and in the Resource section of [www.emrisse.com/resources](http://www.emrisse.com/resources).

## Special Reports

Selected columns, essays and perspectives written between 2002 and 2008 have been revised to become Special Reports. A group of three Special Reports focused on the settlement patterns of the mid-Atlantic Countryside. This series constitutes an in-depth exploration of the forces shaping human settlement patterns and eroding the Countryside in the mid-Atlantic SubRegion of the Northeast MegaRegion as defined by the Institution *America 2050*. The reports are titled:

**“Wild Abandonment,”** 8 September 2003 [“Abandoning the Potentially Good Places”].

**“Scatteration,”** 25 September 2003.

**“The Myths That Blind Us,”** 20 October 2003 [“Doom”].

Taken together, these three Special Reports present a comprehensive picture of the state of the Countryside West of the Cores of the Philadelphia, the Washington-Baltimore and the Richmond New Urban Regions.

This set of Special Reports was revised and expanded to become **TRILO-G – PART ONE – ROOTS OF THE HELTER SKELTER CRISIS.**

## **Backgrounders**

In addition to the columns, and Special Reports, there are nine **Backgrounders** written by Dr. Risse. Some of the **Backgrounders** first appeared as columns and were later revised and expanded. Some have been incorporated in Chapters **TRILO-G**. To document the evolution of Dr. Risse's thinking on these topics, all nine **Backgrounders** are found in Chapter 47 of **TRILO-G** and in the Resources section of [www.emrisse.com](http://www.emrisse.com). The Backgrounders in the order in which they were first published are:

**"The Role of Municipal Planning in Creating Dysfunctional Human Settlement Patterns,"** updated to 23 January 2002.

**"Affordable, but No Bargain,"** July 2001 concerning Affordable and Accessible Housing updated to 17 February 2003 and by **TRILO-G – Chapter 21 - Without Shelter.**

**"Anatomy of a Bottleneck: The U.S. Route 29/Interstate 66 Interchange at Gainesville, VA,"** 14 August 2002. [This Backgrounder will be revised to reflect the continuing dysfunctional land use / transport coordination in the Virginia SubRegion of the Washington-Baltimore NUR since 2002.]

**"Five Critical Realities That Shape the Future,"** 15 December 2003. A companion to the PowerPoint "Five Critical Issues" can be found on the CD containing the E-book **The Shape of the Future** 4<sup>th</sup> Printing (2010).

**"It is Time to Fundamentally Rethink METRO and Mobility in the National Capital SubRegion."** 18 October 2004.

**"Geographic Illiteracy,"** 11 April 2005.

**"Quantification of Land Resources and the Impact on Land Conservation Efforts"** 28 August 2006 incorporated in **TRILO-G – PART FOUR – THE USE AND MANAGEMENT OF LAND.**

**"Vocabulary Supplement,"** 13 August 2007, revised and updated and is available on the CD containing the E-book **The Shape of the Future** 4<sup>th</sup> Printing (2010).

**"GLOSSARY: The Online Edition,"** 13 August 2007, revised and update to become **GLOSSARY – PART THIRTEEN of TRILO-G**

## **Presentations**

Presentations by E M Risse, in addition to university courses, have included serving as master of ceremonies for conferences, giving keynote speeches, lectures, seminars, workshops, and testimony and participating on panels. These presentations for professional and public interest groups have covered the range of his experience and have been for live, radio and television audiences.

Mr. Risse has prepared and delivered testimony to congressional committees, state and municipal legislative and executive committees and commissions. In addition, he has presented testimony as an expert witness in judicial proceedings concerning human settlement pattern litigation. Testimony includes statements in support of a balance of transportation and land use, the optimum design and location for land uses and transportation facilities and the application of controls impacting the location and scale of land uses.

## **Graphic Programs**

For the first 35 years of his career, E M Risse relied primarily on maps and slide presentations to illustrate his presentations. Commencing in 2000, he began to create PowerPoint presentations using Microsoft Software. There are now dozens of these programs. Several are widely available, and new ones will be posted at [www.emrisse.com/gallery](http://www.emrisse.com/gallery).

**“The Five Critical Issues,” “The Physics of Gridlock” and “Priority Transportation Improvements”** were published by Lord Fairfax Community College and distributed at the Spring 2003 leadership certification program **“Shaping the Future.”** They are now included on the CD containing *The Shape of the Future* 4<sup>th</sup> Printing E-book (2010).

**“PROPERTY DYNAMICS @ Fauquier County Planning Commission,”** 25 January 2007 and **“New Urban Region Conceptual Framework,”** June 2009, are included on the CD containing *TRILO-G* Beta 2 E-book (2010).

## **VI. SELECTED CAREER HIGHLIGHTS AND RELATED PUBLICATIONS**

### **A. Optimizing Settlement Patterns in New Urban Regions**

The future prosperity, stability and sustainability of contemporary civilization depends upon the evolution of functional human settlement patterns. E M Risse and SYNERGY/Planning (S/P) represents clients whose competitiveness and effectiveness are optimized by the comprehensive and intelligent planning of land uses and identifying functional locations of facilities and activities.

The following descriptions, in reverse chronological order, provide summaries of selected projects by SYNERGY/Planning (S/P) to optimize human settlement patterns. In addition, citations are provided for the resources related to these projects.

- At the request of County Supervisors, a presentation was made on the future of Greater Warrenton-Fauquier at a work session of the Fauquier County Board of Supervisors on 10 April 2008 titled “Strategies for Shaping a Functional and Sustainable Future in Greater Warrenton-Fauquier.” See 9 April 2008, *Fauquier Times-Democrat* “Out with old, in with new: Risse pushes mindset fix.”

Column # 125 “Shaping a Functional and Sustainable Future in Greater Warrenton-Fauquier,” 23 June 2008, summarizes the presentation and outlines the context and 11 specific strategies to evolve functional human settlement patterns. Column #125 can be found in Chapter 46 of *TRILO-G* and at [www.emrisse.com/resources](http://www.emrisse.com/resources)

There has been no discernable change in Agency policy in spite of growing signs of long-term impact from The Great Recession.

In the spring of 2009, a second opportunity presented itself to test the Institutional Capacity of Greater Warrenton-Fauquier. A proposal to build yet another ‘ByPass’ around the Town of Warrenton provided the chance to use this issue to educate citizens on the need for Fundamental Transformation and specifically the need to move beyond reliance on the *Large, Private Vehicle* for Mobility and Access.

Prepared and presented to citizen and Agency leaders a report titled “Timberfence Truth or Consequences” which laid out the rationale for creating a Mobility and Access network that could be used by a range of vehicles as well as pedestrians rather than build another ByPass for *Large, Private Vehicles*.

After a year on debate and acrimony the plan to add a ByPass to the Comprehensive Plan of Fauquier County was rejected. However, while the report was cited by opponents of the ByPass the focus was not on a comprehensive approach to future Mobility and Access. The decision was based on traditional land use grounds. There was not yet a discernable change in positions on the part of governance practitioners with respect to moving beyond *Large, Private Vehicles* for Mobility and Access. A Current Perspective is being prepared on Timberfence Parkway and will be available at [www.emrisse.com](http://www.emrisse.com).

- Based on extensive field work during 2003 in the Radius=30 mile to Radius=100 mile Radius Band to the West and South of the centroids of the Philadelphia, the Washington-Baltimore and the Richmond New Urban Regions, S/P prepared a series of three Special Reports.

These Special Reports, applying the vocabulary and the comprehensive conceptual framework articulated in *The Shape of the Future*, is a book-length exploration of the forces now shaping human settlement patterns and eroding the Countryside. The Special Reports establish the

necessity for Fundamental Change in human settlement patterns and for Fundamental Change in governance structure.

The three Special Reports were revised to become **TRILO-G – PART ONE – ROOTS OF THE HELTER SKELTER CRISIS**. For an overview of the process to achieve Fundamental Transformation in a small New Urban Region, see “**The Shape of Richmond’s Future**,” 16 February 2004, in Chapter 46 of **TRILO-G** and at [www.emrisse.com/resources](http://www.emrisse.com/resources).

- To help community leaders understand the forces that are eroding the Countryside and the small Urbansides in the Countryside around the National Capital SubRegion’s core, S/P prepared a seminar focusing on in the radius band from Radius=30 miles to Radius=75 miles.

The seminar titled **Shaping the Future Certificate Program** was held at Lord Fairfax Community College in April and May 2003. The seminar was attended by 50 leaders from jurisdictions within the Rappahannock Rapidan and the Northern Shenandoah ‘Regional Commission’ jurisdictions. S/P was responsible for creating the program content, recruiting the faculty, preparing a resource book and serving as the master of ceremonies.

The certificate program introduced concepts included in *The Shape of the Future* and *Citizen’s Handbook: Three-Step Process to Create Balanced Communities and Sustainable New Urban Regions*. Materials in the program resource book included the three PowerPoint presentations by Risse are listed under “Graphics Programs” above.

Discomfort among governance practitioners concerning the reality of settlement pattern trends at the Certificate Program is explored in **TRILO-G – PART FOUR – THE USE AND MANAGEMENT OF LAND**.

- In the later part of 2002, outlined the steps SYNERGY recommend to secure a economic prosperity, social stability and environmental health in Greater Warrenton-Fauquier. Prepared and presented a PowerPoint presentation titled “**The Three Step Process**” on several occasions to Town of Warrenton and Fauquier County leaders. This program articulated an 18-element action program to transform the Beta Community into an Alpha Community.

The *Shaping the Future Certificate Program* noted above was the only activity that can be traced directly to these presentations.

- In the Fall of 2002, leadership of the Virginia Legislature attempted to raise the sales tax in Northern Virginia to pay for unjustified transportation improvements, some of which were not even identified. S/P was retained to participate in a debate and provide back-up data to demonstrate the fallacy of this proposed legislation. The tax referendum was soundly defeated by voters. See “**No Sprawl Tax**” *Campaign Report*, November 2002.
- In August 2001, to provide a comprehensive reference that applies the six overarching strategies necessary to achieve functional human settlement patterns and Balanced Communities

outlined in *The Shape of the Future*, S/P prepared *Citizen's Handbook for Shaping a Viable Future for the Piedmont: Three-Step Process to Create Balanced Communities in the Virginia Piedmont* for an Institutional client. The *Citizen's Handbook* relies heavily on the graphics and information developed from 1997 through 2000 for the citizen education program in Loudoun County, VA which S/P coordinated. Among the reports prepared in 2000 and 2001 that were included as background resources in Appendix X of the 2001 *Citizen's Handbook*:

**"The Costs of Alternative Human Settlement Patterns,"** July 2001.

**"Understanding the Current and Future Distribution of Jobs in the National Capital Subregion,"** December 2000.

**"Conservation, Saving Greenspace and Fighting 'Sprawl'—All in Proper Context,"** August 2000.

**"Myth of the Grid,"** July 2001.

- In May 2001, **"Stark Contrast: Two Views of the Road Ahead,"** a research report was framed around a graphic of the mid-Atlantic area between Baltimore, MD, and Charlotte, NC. **"Stark Contrast"** was developed so clients would be able to demonstrate the vast difference between a sustainable vision for the future of the mid-Atlantic referred to as **"Fundamental Transformation,"** and the viewpoint of those lobbying for a continuation of the status quo referred to as **"Business-as-Usual."** **"Stark Contrast"** was revised to become the first chapter of the *Citizen's Handbook*. **"Stark Contrast"** is included in Chapter 49 of *TRILO-G*.
- In May of 2001, Prepared a translation key that was used to place in context many of the valuable lessons concerning human settlement patterns that can be learned from the patterns and densities of land use in the European Union. S/P provided clients with a quantification conversion handout for leaders of the National Capital SubRegion who were touring several Western European New Urban Regions. The report titled **"Making Optimum Use of METRO-Served Transit Station Areas"** provided a tool to translate and understand metric spatial calculations.
- From 1997 through 1999, S/P was retained to analyze the status of land use and transportation in Loudoun County, VA, and to carry out educational programs and seminars on topics related to evolving functional, balanced communities in the County. These reports are listed below in inverse chronological order by publication date. In November 1999, the voters of Loudoun County elected a slate of supervisors who pledged to institute policies in support of more functional human settlement patterns in Loudoun County. In early 2000, S/P was retained to summarize the parameters of more rational and functional settlement patterns the County. Among the reports prepared are:

**"Coming to Grips with the Real Alternatives for Loudoun County's Future,"**  
23 June 2000.

**“Strategies For Using and Reusing Our Land Resources Wisely For Future Generations,”** 16 September 2000.

**“Loudoun County's Future: The Absolute Necessity for Fundamental Change in Human Settlement Patterns,”** 22 October 2000.

- One of the most effective ways to create an understanding of the forces causing dysfunctional human settlement pattern is to demonstrate that many of the factors driving the market are Myths. For clients concerned with creating functional patterns and densities of land use, in January of 1999, S/P prepared **“Fiction, Science and the Shape of the Commonwealth's Future: Myths That Drive the Perception and the Current Reality of `Growth' (aka, the Agglomeration of New Human Settlement Patterns.)”**
- Regional Mobility and Access has deteriorated with each passing year since the mid-80s in the National Capital SubRegion. In December 1998, **“It Is Time to Fundamentally Rethink METRO and Mobility in the National Capital Region”** was redrafted at the request of an Institutional client to focus the debate on comprehensive solutions to SubRegional and Regional Mobility and Access. This report was later converted to a *Background* as noted above.
- **Future Land-Use Demand to Support Prosperity in the Commonwealth of Virginia: The View from Rockfish Gap and the Work of the Virginia Land Use Assembly,**” was published in October 1998. This report is a summary of the findings of a Commonwealth-wide survey of the demand for future urban land uses. S/P was engaged to participate in a one-day workshop and present the report by The Virginia Conservation Network which was the Virginia Land Use Assembly sponsor.
- For clients concerned with the amount of vacant land zoned for intensive urban projects in Outer Radius Bands of the National Capital SubRegion, S/P prepared **“Into the Brambleton Patch,”** November 1998, a profile of a 2,000 + acre project in Loudoun County, VA.
- For clients whose focus is improvement of Commonwealth legislation impacting human settlement pattern, Dr. Risse prepared **“Testimony Before the Joint Subcommittee on Land-Development Patterns and Ways to Address Demands for Increased Services and Infrastructure Resulting From Residential Growth,”** September 1998.
- Under contract to a not-for-profit environmental law center, S/P produced **“The Land-Use Impact of the Current VDOT Proposal for a U.S. Route 29 `Bypass' in the City of Charlottesville and Albemarle County, VA,”** July 1998.
- For clients concerned with the future of Loudoun County, S/P created **“The Shape of Loudoun County's Future,”** June 1998. The report includes four parts plus a Radius Analysis and a Radius Map.

Part One—The Future as Planned for Loudoun County: Are Citizens Getting What They Were Promised?

Part Two—The Real Costs of Housing: Who Pays and What Is the Price?

Part Three—Intelligent Growth Within R=10 and R=20: Fairfax and Arlington Counties and the City of Alexandria Are Not All Built Out.

Part Four—Strategies to Achieve a Rational Future for Loudoun County Within Realistic Parameters

- Under contract to several clients, researched, prepared testimony, talking points and report on transportation and land-use implications of Western Transportation Corridor Study—**“Short- and Long-Term Transportation Solutions for the Western Part of the Virginia Subregion,”** November 1996.
- At the request of a multi-national client, reviewed plans for improvement in function and efficiency of National Capital METRO system and submitted report—**“The Shape of Metro's Future: Once More Unto the Breach Dear Friends, Once More, Transforming Metro into a Functional Mobility System within the National Capital Region,”** October 1996.
- In July 1994, assembled a consultant team and produced a report for several clients concerned with the impact of a proposed concert venue by Cellar Door in a location unserved by adequate roadways. A report **“Traffic Gridlock Will Arrive in West Prince William Through the Cellar Door”** laid out the transportation and land-use and impact of the project. Testified against the venue location.
- Retained by a number of clients to conduct a series of studies and to support the effort to have the theme park relocated to a more appropriate location. In November 1993 The Walt Disney Company announced plans to build **“Disney's America**, an historically-oriented theme-park, time-share condominiums, hotels, shopping, housing and related uses on a 3,000 +/- acre site near Haymarket, VA. Disney canceled the project in September 1994.

Documented that there were many better locations for the Disney project. S/P established a work program, carried out analysis, prepared a map and report titled **“Finding an Optimum Site for Disney's AMERICA: The Basis for a Rational Site Selection Process and a Preliminary Survey of Potential Sites,”** January 1994.

Created a strategic plan, conducted research and prepared two reports for the Private Enterprise Relocation Initiative. This effort included the creation of private sector support for the relocation of the Disney project and the writing of two reports. **“Disney's AMERICA—The Real Impact on the Region's Mobility: The Importance of Location in the Planning of Major New Activity Generators,”** March 1994. **“Disney's AMERICA—The Relocation of**

**the Region's Market and Tax Base: The Importance of Location in the Planning of Major New Activity Generators,”** March 1994.

Researched, developed graphics and authored a report for Protect Historic America titled **“Disney's America—Impact on National Resources: The National Economic, Social and Physical Importance of Location in Planning Major New Activity Generators,”** June 1994.

Postscript: September 2004 was the 10<sup>th</sup> anniversary of The Walt Disney Company's decision that it would be in the Enterprises best interest to locate **Disney's America** on the 3,000 +/- acre site near Haymarket, VA. As part of the observance of the 10<sup>th</sup> anniversary, S/P was retained to review the impact on the Virginia SubRegion of both Disney's plan to locate at Haymarket and to later abandoning those plans. The report **“Disney's America Ten Years Later,”** September 2004, evaluates the direct and indirect impacts of this project. See Column # 40 “Chasing out the Mouse” 4 October 2004 in Chapter 46 of *TRILO-G* and at [www.emrisse.com/resources](http://www.emrisse.com/resources).

- Recommended content to be included and participated in taping a video for the Virginia Department of Transportation, **“Transportation: Making Choices, Making a Difference”** which aired on public television in 1993.
- Provided research, coordinated and served as guide for a tour sponsored by Piedmont Environmental Council to orient the Virginia General Assembly's Commission on Population Growth and Development in June 1992. Tour focused on critical human settlement pattern issues in the Virginia SubRegion.
- Developed and implemented strategies for a group of private clients who sought to improve the transport capacities in major roadway corridors [I-66 and I-95]. S/P was retained to improve transportation service through development of Commuter Rail Service and improve transit-station-area design and transit service from low-density areas, 1975—1992.
- Participant in four-part series, **Highest and Best: A New Vision for Virginia's Land**, which aired on Virginia Public Television in 1992.
- Testified representing the Urban Design Division, American Planning Association, before the Energy and Environment Subcommittee of the House Interior Committee on the topic, "The Impact of Transportation Policy on the American Landscape," June 1991.
- Testified before the Commonwealth Transportation Board on Virginia's Position on Rewriting the Federal Surface Transportation Act, September 1990.
- Served as a member of Advisory Committee for a study on national growth patterns by the Council on Environmental Quality, 1975—1978.

- Contributions to the Douglas Commission acknowledged in *Building the American City*, 1968.

## **B. Development Planning**

The creation of intelligently planned Urban fabric to provide Jobs / Housing / Services / Recreation / Amenity is essential to create functional human settlement patterns. E M Risse has created

Planned New Communities and components Alpha Communities that meet clients and society's need for a functional settlement patterns.

- Developed capacity analysis and prepared report for National Growth Management Leadership Project—**“Parameters for Analysis of a New Regional Urban Center: The Vocabulary, Areas and Quantities Necessary to Understand and Analyze Economic, Social and Physical Ramifications of Implementing West Prince William, VA,”** August 1994.
- Researched and prepared report for National Growth Management Leadership Project—**“West Prince William Center Land-Use Projections: Factors Upon Which Projections of Future Pattern and Density of Land-Use Impacts of Disney-Related Development and Infrastructure Are Based,”** September 1994.
- Researched, created data and implemented tour in support of Piedmont Environmental Council—**“Tour '94—An Introduction to the Virginia Subregion: Regional Development Strategies and the Availability of Land for Urban Use Within the Current Urban Frontier,”** April 1994.

## **Summary of Planned Development Responsibilities in Washington-Baltimore New Urban Region**

- Provided planning, design and implementation services for Burke Centre [6,000 units], Franklin Farm [1,600 units], Franklin Glen [600 units], Fairfax Station [550 units], Fair Oaks Estates [320 units], Fair Woods [460 units], Waters Landing [2,200 units], as well as Tysons-McLean Office Park [900,000 square feet], Fair Lakes [6.7 million square feet], Virginia Center [a mixed-use development at the Fairfax Vienna METRO Station], and many smaller projects. 1974—2002.
- Number of residents in now completed projects for which Risse has managed planning, design and implementation in the northern part of Virginia total over 50,000 with occupied office, retail and service space totaling over 20-million square feet. Total project value exceeds \$2.5 billion; total infrastructure exceeds \$1.5 billion [2006 dollars], 1977—2010.

- Awards for excellence on completed projects have included awards from Fairfax County for tree preservation, environmental and natural resource conservation, and architectural excellence. From the National Association of Industrial and Office Parks and the American Institute of Architects, awards have been received for architectural- and project-design excellence.

- Fair Lakes, VA: Director of Planning and Member of Architectural Review Board, 1977—1987. Total project acreage 640 acres—6.7 million square feet commercial and retail space; 2,200 dwelling units; plus hotel, and other support services in a campus office/research employment Neighborhood-scale development.

- Burke Centre, VA: Consulting Director of Planning, 1976—1987. Chair, New Construction Committee, Architectural Review Board, 1976—1987. Director of Consultant Planning Team, 1974—1976. Total Project Acreage—1,600; Total Units Planned—6,000; Total Burke Centre Population on Completion—20,000; Total number of builders involved in project—41. Burke Centre includes schools, day-care centers, churches, a village center, a 50-acre commercial center, 67 acres of employment uses and over 350 acres of OpenSpace.

- Burke Centre Conservancy Managing Trustee, President and Acting Executive Director, 1976—1981. Trustee, 1976—1982. The Burke Centre Conservancy is a non-profit corporation owned by residents of Burke Centre which serves as the Planned New Village's 'municipal' government. The Conservancy acquires debt free and maintains Burke Centre's amenities and facilities as follows:

Six Neighborhood centers, 5 pools and 16 tennis courts. Conservancy facilities are located on over 350 acres of maintained, naturalized and undisturbed open space which provide facilities including 12 miles of pathways, Lake Barton [10 acres] and 6 ponds. Professional staff of 20 operate Conservancy on a budget of approximately \$2,000,000 per year.

- Authored "**Small, Privately Financed New Communities—Their Place in the New Towns Movement**" which places the planning of Villages such as Burke Centre in the context of the Planned New Community movement, 1988.

- Waters Landing, MD: Consultant to Village-scale project owner/lender following developer default. Developed plan for restructuring of implementation and governance processes for planned Village of 2,200 units, 1981—1982.

- Franklin Farm, VA: Managing Director and Trustee, Franklin Farm Foundation, 1978—1981. Franklin Farm is Neighborhood-scale Planned Development Housing [PDH] under the Fairfax County, VA, land-use control system. Franklin Farm was developed by the same participants as Burke Centre. Franklin Farm Foundation provides the governance functions for the homeowners who live in the neighborhood.

- Glenelg, MD: Project Director and Development Consultant for the creation of self-sufficient community to serve as the home and research site for the Urban Wildlife Research Center, 1975—1977.
- Miscellaneous Projects: Provided advice, consultations and developed strategy for mixed-use and multi-use projects on sites of over 100 acres. In addition, provided advice and created strategies for the location of institutional community service uses including elder care. 1988—2002.

### **Summary of Responsibilities in National Consulting Practice**

- Corporate officer with oversight responsibility and manager of inter-disciplinary teams developing and implementing plans for major developments and Planned New Communities and components of Planned New Communities in Texas, Louisiana, Florida, Montana, Tennessee, Kentucky, Ohio, North Carolina, Georgia, Virginia, Maryland, New Jersey and New York. Responsible for planning over 125,000 acres for a future population of over 500,000, 1972—1976.
- Growth and Conservation Policy, Louisiana: Project Director for inter-disciplinary team developing growth and conservation policy for state in response to expanded petro-chemical exploration, importation and processing. Program included new community policy, energy conservation elements, audio-visual gaming and statewide development rights transfer proposal, 1972—1974. See “Down Memory Lane with Katrina” Column # 66, 5 Sept 2005 and “A Second Stroll with Katrina” Column #104, 4 Sept 2007 and Column # 130 “Katrina Yet Again” in Chapter 46 of *TRILO-G* and in [www.emrisse.com/resouces](http://www.emrisse.com/resouces) .
- Overhills, NC: Project Director for interdisciplinary team studying feasibility of an 18,000-acre, free-standing new community, 1973—1974. See *TRILO-G* – Chapter 33 – What Did I Tell You?
- Peachtree City, GA: Supervisor of planning and architectural services on initial two years of implementation for 17,000-acre Planned New Community to house 70,000 people south of Atlanta, GA, 1972—1976.
- Cleveland New Town In-Town, OH: Project Director on development of a concept plan and strategy for major new town in-town, 1972—1974. Contribution of this project to theory of new towns in-town noted in Harvey Perloff's report to HUD titled “**New Towns In-Town.**”
- Existing Community Expansion, TX: Project Director for plan to develop 3,100-acre expansion of a small Texas agricultural community to accommodate growth due to petro-chemical development, 1972—1973.

- The Highlands Project, New York State: Directed program and managed staff of 45 on project sponsored by U.S. Department of Housing and Urban Development, New York State Urban Development Corporation, the Regional planning agency and Rensselaer Polytechnic Institute for an innovative Planned New Community. Filed as HUD, Title VII pre-application. Work summarized in: *The Highlands Project: A Development/ Conservation Plan for a New Community in the Capital District of New York State* [D.S. Haviland Editor], 360 pages, Rensselaer Polytechnic Institute, Troy, NY, June 1971.

Also see “**The Highlands Project: A University Action/Research Group Plans a New Community**” [with D.S. Haviland], Proceedings of Environmental Design Research Association Conference, January 1972.

- Advisor/participant in University of North Carolina's National Science Foundation New Community Study. Published as *New Communities U.S.A.*, by Burby and Weiss, Lexington Books, March 1976.

### **Professional Services on Public Planning Efforts**

- Provided professional services to Village, Community, SubRegional, Regional and state governments and drafted plans and regulations to guide and manage growth. Represented private and public groups before task forces considering development and the review of comprehensive plans and implementation tools. New York, Maryland, Virginia and North Carolina, 1965—present. Includes the Fairfax County, VA, PLUS Program, 1973—1975, and the 50-66 Task Force—Fairfax Center Planned New Community, 1980—1984.

### **C. Telework, Telecommuting and Transportation/ Telecommunications Tradeoffs**

Intelligent use of telecommunications can replace some transport demands and thus provide Mobility and Access by reducing the demand on existing transport facilities. With Linda Risse engaged in the following projects:

- Hired by Enterprises to implement telework programs and other management strategies to increase competitiveness. Organizations profiles include multi-national and Regional firms including Fortune 500 companies, as well as smaller Organizations, 1989—present.
- Under contract to various organizations such as The Government Technology Forum, provided seminars and presentations on telework and telecommuting, 1989—1995. Also provided assistance to numerous organizations in the writing of reports and articles on Telework and Telecommuting, 1989—1995.

- Served as project coordinator for inter-disciplinary [public/private] efforts to establish demonstrations of the application of communication to move work to people and to determine feasibility of substituting telecommunications for transportation, 1969—1995.
- At request of multi-national development client, conducted research and prepared report regarding telework in Planned New Communities. Released report summary "**Telework Applications in Planned New Communities,**" November 1995.
- At request of multi-national client in 1993, 1994 and 1995, created a work program, researched and formulated data regarding the status of the numbers and classifications of Telecommuters, Teleworkers and other categories of out-of-the-traditional-office workers. Released summaries of the findings in "Telework and Telecommuting in Virginia—Fall 1994," September 1994, and "Telework Growth in the Washington-Baltimore New Urban Region," October 1995.
- Under contract to Transportation Research Board, authored the report, "**The Impact of Telecommunications Technology Including Telework and Telecommuting on Travel Demand and Travel Demand Management in the Next Decade,**" November 1993. [Work summarized in *Transportation Research Circular*, Number 433, October 1994.]
- Together with the Virginia Secretary of Transportation and the Virginia Secretary of Economic Development; Chairman of Virginia Chamber of Commerce; S/P's Linda Risse and CEO of C&P Telephone, gave presentations at three executive fora, **Marketplace 2000** in Richmond, Northern Virginia and Hampton Roads in 1993 in support of Telework.
- Under contract to the Office of Secretary of Transportation, responsible for the substance of the Virginia Telecommuting Institute and Telework Conference, 23 and 24 September 1993. Under a second contract, served as master of ceremonies and taught an institute course.
- Classified as "expert" in a contract with Federal Transit Administration through PPTN. Under a work order, assisted in the program creation and with Linda Risse were keynote speakers for conference sponsored by the Transportation Action Partnership on The Impact of Telework and Telecommuting on Travel Demand, 21 April 1993. Under a second work order, provided expertise to Potomac and Rappahannock Transportation Commission on telecommuting and telework centers, September—November 1993.
- Assisted Secretary of Transportation in documentation for and establishment of the task force, 1990—1991, and served as member of Governor's Telework/Telecommuting Advisory Task Force for Commonwealth of Virginia, 1991—1994.
- Assisted in establishment of Mid-Atlantic Telecommuting Advisory Council, a network of Agency, Enterprise and Institutional representatives interested in the advancement of telework and telecommuting. Served as first elected president from 1992—1993.

- Requested to testify before U.S. House of Representatives, Subcommittee on Telecommunications and Finance, Committee on Energy and Commerce, concerning "H.R. 5082, The Telecommuting Act of 1992," July 1992.
- Selected as participant in the national pre-study forum for U.S. Department of Transportation Telecommuting Study and recognized in final report as a “major” contributor, May 1992.
- Served as plenary speaker and / or panelist for numerous national conferences and fora on the topic of Telework and Telecommuting.

#### **D. Resource Management and Land-Use Controls**

Economic, social and physical assets can be optimized by intelligent resource management and land-use controls. Many successful strategies involve the creation of or a revision of governance structures.

#### **1000 Friends of Virginia's Future and Related State and Regional Initiatives**

- Under contract by several Organizations, developed the concept for, recruited Enterprise, environmental and academic co-facilitators, established advisory groups, created not-for-profit corporation, held workshops, authored reports including draft principles for 1000 Friends of Virginia's Future. The not-for-profit corporation is dedicated to the establishment of a consensus on principles to guide the future pattern and density of land use. Served as Co-Facilitator, 1991—present.

1000 Friends of Virginia's Future has provided a synthesis of issues, questions and draft principles to guide the future pattern and density of land use in the reports by Risse, “**Friends of Virginia's Future—Questions that Must be Addressed Before Policies Can be Established or Implementation Programs Can be Created to Guide Virginia's Future,**” July 1991. Phase I [Parts One and Two, September 1991, and Updates One, January 1992, and Two, July 1992] and “**Principles to Guide the Future Pattern and Density of Land Use,**” November 1992.

In related programs, provided orientations on these principles to national conferences of landscape architects and planners and made presentations to state, regional and municipal groups on growth management and development / conservation strategies.

Initiated and coordinated of PROPERTY DYNAMICS, an education initiative of 1000 Friends of Virginia’s Future that is summarized in ***TRILO-G – PART TWELVE.***

## **Planned Community Governance and Management**

- Provided advice to associations, at scales ranging from Communities to Clusters, on open-space management, design-review process and governance issues, 1972—present.
- In October and November, 2003, under contact to citizens who had been attracted to a Village-scale development project in Loudoun County, VA, by promises of a quality planned environment found themselves at odds with an unresponsive homebuilder/developer and an unsympathetic Board of Supervisors that was unwilling to hold the builder/developer to the original commitments. S/P was retained to help these citizens consider alternative strategies to achieve the goals of the original developer.
- Lived in and participated in the governance of the Planned New Communities of Columbia, MD [8 years] and Reston, VA [8 years] and Fairfax Center [14 years].

## **Drafted and Implemented Governance Systems for Planned Communities**

- In Fair Lakes, VA, a planned neighborhood designed and drafted and implemented the governance system, he lived, worked and participated in the governance. 1980—2002. Served on the Fairfax County sponsored public/private-sector 50/66 Task force that created the Planned New Community of Fairfax Center of which the neighborhood of Fair Lakes is an organic component.
- Managed village-scale Burke Centre, VA, a 20,000 resident planned village he designed from start of construction until the project was substantially completed six years later, 1972—1982.

## **Adirondack Park Agency Statute, New York State**

- Consultant to and authored plan and draft legislation [with Prof. Jan Z. Krasnowiecki, Univ of PA] to create region-wide land-use control system now in effect in Adirondack Park. The Adirondack Park Agency system remains the most extensive comprehensive multi-level land-use control system now in operation in the United States.] **“The Future of the Adirondack Park—Private and Public Land,”** Technical Report I, Volume A, Temporary Study Commission on the Future Adirondacks, Albany, NY, December 1970.

## **Land-Use Controls, New York State**

- Consultant to and author of *Planning and Zoning Problems in Areas of Transition—The Physical Impact of Urbanization of New York State*, 272 pages, New York State Office of Planning Coordination, March 1969.

## **Planning Law Revision Program, New York State**

- Consultant to New York State Office of Planning Coordination and author of study documents, 220 pages including 20 draft legislative acts. April—September, 1969. Work summarized in *Planning Institute*, page 42, New York Planning Federation, Albany, 1969, and in "The Structure of Land-Use Planning: A Reappraisal and a Program" [with James Coon] Volume 21, Number 2, *Syracuse Law Review*, Winter 1969.

## **Implementation Tools, New York State**

- Authored “**Administrative and Legislative Tools Analysis,**” 113 pages. Herkimer-Oneida Counties, NY, Comprehensive Planning Program, November 1966.

## **Island-Wide Land-Use Controls**

- As consultant with Smith, Haines, Lundberg and Wheeler, provided input to island-wide land-use control system for the Puerto Rico Planning Board, 1967—1968.

## **Natural-Area Management**

- Provided consultation and supervision to achieve conservation and management of natural areas including the reforestation and renaturalization of areas disturbed through land development, mismanagement or abuse. Projects include:

Created OpenSpace program, Fair Lakes, VA, 1984—2002.

Created and was participant in seminars on tree preservation and strategies for environmentally-sound development for Northern Virginia Soil and Water Conservation Division, Fairfax County, VA, 1984—1994.

Created restoration plan and implementation for Blue Heron Point, Lynhurst, Ontario, 1978—1988.

Designed conservation program for Newbridge Court, Reston, VA, 1981—1986.

## **Management, Reforestation and Conservation**

- Burke Centre Conservancy, VA, 350 acres of OpenSpace, 1975—1979.
- Franklin Farm Foundation, VA, 180 acres of open space, 1979—1981.

- Selected reforestation sites within the Columbia, MD, 5,000-acre open-space system, 1973—1978
- Created and implemented utilization and implementation plan for Discovery Park, Columbia, MD, 1973—1980. Management techniques are summarized in **"If You Can't See the Forest for the Trees,"** Columbia Flyer, p. 62, 22 September 1977, and in the unpublished reports for the Hollow Oaks Association, the Burke Centre Conservancy, the Franklin Farm Foundation and the Fair Lakes League in Virginia.

### **Caribbean Conservation**

- Provided review of and contributions to conservation and appropriate technology development projects in Caribbean Basin, 1973—1990.
- Advisor, Eastern Caribbean Natural Areas Management Program, 1981—1985.
- Program/Research Associate, Island Resources Foundation, 1973—1990.

### **Historic Preservation**

- Authored and facilitated for **"New York State Historic Preservation Plan,"** 163 pages, New York State Historic Trust, Albany, NY, August 1970.
- Drafted ordinance and administration design-review functions in 15 local jurisdictions in New York and Maryland, 1966—1980.
- Served as staff, member and chair of Historic District Commissions, 1965—1980.

### **Energy Conservation**

- Developers' representative to U.S. Department of Energy Site and Neighborhood Design Case Study, 1978—1980.
- Team leader for interdisciplinary team survey sites for application of the Department of Housing and Urban Development's Modular Integrated Utility System [MIUS] Program, 1974.

## **VII. EDUCATION**

University of California, Berkeley, CA, Law and City and Regional Planning. Area of concentration: Land-use planning and land development, College of Environmental Design/School of Law, 1962—1965. JD/LLB, 1965.

University of Hawaii, Honolulu, HI. Area of concentration: Architecture, design, philosophy and mathematics, 1960—1961.

University of Montana, Missoula, MT. Area of concentration: forestry, physics and liberal arts, 1956—1960. BA Math, 1961.

## **VIII. AFFILIATIONS**

Fauquier Conservation Roundtable, 2005 – to present

1000 Friends of Virginia's Future, 1992—present

Trustee and Vice Chair for Stewardship, Maryland Chapter, The Nature Conservancy, Trustee Emeritus, 1975 – present

President Menlough-Culpeper Assn. 2008 – 2010

American Planning Association, American Institute of Certified Planners [AICP] and predecessor organizations [ASPO AND AIP], 1965—2004

Transportation Research Board Committee on Telecommunications and Travel Behavior, 1993—1997

President and Board Member, Mid-Atlantic Telecommuting Advisory Council, 1992—1993, Member 1990—1997

Citizens Advisory Committee of the Northern Virginia Regional Transportation Plan, 1987—1995

Virginia Governor's Telework/Telecommuting Advisory Task Force, 1991—1994

Sub-Committee on Traffic Mitigation of the Technical Committee, Transportation Planning Board, Metropolitan Washington Council of Governments, 1992—1994

Northern Virginia Transportation Commission, Investment Study Task Force, 1994

Citizens Committee on Land Use and Transportation, Fairfax County, VA, 1987—1993

Chair, Technical Committee, and Board Member, Northern Virginia Transportation Alliance, 1987—1993

Washington Partners for Regional Excellence, 1992—1993

The Virginia Assembly on the Future Development of the Commonwealth—Sustaining, Managing and Generating Growth, 1992—1993

Convener, Public-Private Task Force on Commuter Rail, 1987—1992

Virginia Secretary of Transportation's Transportation Efficiency Fund Advisory Committee, 1991

Co-Chair of Program Committee and Board Member, Fairfax Committee of 100, 1984—1988. Member, 1984—1991

Member, Advisory Panel, National Endowment for the Arts, 1990

Program Associate, The Island Institute, Red Hook, St. Thomas, U.S. Virgin Islands, 1984—1990

Co-Chair and Chair, Transportation Committee and Director, Fairfax County Chamber of Commerce, 1978—1989. Chamber Member of the Year, 1987

Convener, Public-Private I-66 Task Force, 1985—1989

Convener, Northern Virginia Reforestation and Renaturalization Task Force, 1984—1989

Vice-Chair for Programs, Northern Virginia Community Appearance Alliance, 1987—1988

Advisory Committee, Fairfax Area League of Women Voters, 1983—1988

Reston Citizens Association and Reston Board of Commerce Transportation Committees, 1985—1987

Committee on Long-Range Planning, Virginia Wildflower Preservation Society, 1984—1987

Director, Southeastern Fairfax Development Corporation, 1987

Co-Chair, Airport Access Committee, Washington Dulles Task Force, 1981—1986

George Mason University Transportation Task Force, 1984—1986

Chair, Committee on Planning, Fairfax Audubon Society, 1982—1985

Director and Member of Executive Committee, National Institute for Urban Wildlife [formerly Urban Wildlife Research Center], Columbia, MD, 1979—1984

Co-Chair, Reston Joint [RCA-RHOA] Land-Use Committee, 1982—1984

Board Member, Waters Landing Community Association, Germantown, MD, 1981—1982

Commissioner and Chair, Howard County Historic District Commission, 1975—1981

Trustee, Maryland Environmental Trust, 1976—1980

Chair, Wilde Lake Open Space Committee and Columbia Open Space Forum, Columbia, MD, 1976—1980

*Also served as member of:*

Tropical Agricultural Association [UK]

National Trust for Historic Preservation

The American Forestry Association

The Nature Conservancy

The Sierra Club

Greater Washington Board of Trade

The Caribbean Conservation Association

The Urban Land Institute

Piedmont Environmental Council

Reston Historical Trust

Also member of commissions and task forces concerning land use and transportation in New York, Maryland and Virginia.

## **IX. PERSONAL**

Born: 18 June 1938, Santa Barbara, CA

Health: Excellent Height: 6'4" Weight: 230 lbs.

Employment in support of education included: Neighborhood columnist for weekly newspaper, strawberry picker, guide for fishing, hunting, hiking and climbing parties, general mercantile store clerk, butchers assistant, filling station attendant, running a trap line, statistician, bartender, construction materials estimator, apartment manager, building maintenance supervisor, plumber's helper, construction laborer, mountain rescue team, fire control aide and trail crew.

With his wife Linda, resides in the Town of Warrenton, VA. and inside The Clear Edge around Greater Warrenton.