

## Application Form

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### Disclaimer

Under Florida law, all information, including e-mail, written letters, documents and phone messages, sent to the Alachua County Board of County Commissioners are subject to Public Records law. This includes the sender's e-mail address, home address or phone number if shown in the message, the content of the message and any associated attachments to the mail. If you are exempt from aspects of the public records law pursuant to F.S. 119.071, contact the advisory board coordinator at 352-264-6906 prior to submission of this form.

### Please Agree with the Following Statement

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**I have read the disclaimer above and understand my application is subject to Florida's Public Records Law.**

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☐ I Agree

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### Profile

Thomas

First Name

H

Middle Initial

Mirti

Last Name

1717 SW 120th Terrace

Home Address

Suite or Apt

Gainesville

City

FL

State

32607

Postal Code

tmirti@mindspring.com

Email Address

Home: (352) 415-5193

Primary Phone

Alternate Phone

Rosie's Organic Farm

Employer

Farmer

Occupation

### Education:

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B.A. Political Science M.S. Hydrology

### Professional Organizations:

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### Which Boards would you like to apply for?

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Land Conservation Board: Submitted

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What position(s) are you applying for?

Board Member

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## Interests & Experiences

Are you currently serving or have you ever served on an Alachua County advisory board?

☐ Yes ☒ No

If yes, please list board(s):

Please list any civic and professional accomplishments/honors, training or experience related to this appointment:

Oversaw Land Management office at Suwannee River Water Management District for 4 years including budget, recreational planning, and property maintenance functions; participated in District Acquisition and Surplus staff committee for 7 years, providing base recommendations to Governing Board; proponent of District's non-structural floodplain management strategy, including floodplain acquisition.

What Contributions do you feel you could make if you were selected to this board?

I have a broad background in natural resource management and land conservation and management in North Florida, and have worked in both water management districts that cover Alachua County and am familiar with Alachua County lands.

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Upload a Resume

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## Demographics

Some boards and commissions require membership to be racially, politically or geographically proportionate to the general public. The following information helps track our recruitment and diversity efforts.

### Ethnicity

☒ Caucasian/Non-Hispanic

### Gender

☒ Male

01/09/1960

Date of Birth

Are you over the age of 60? (Required for some boards)

☒ Yes ☐ No

**Are you a resident of Alachua County?**

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☒ Yes ☐ No

**If you are an Alachua County resident, how long have you lived in the county?**

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33 years

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### **Supplemental Questions**

**Some of the boards and committees appointed by the County Commission are required to comply with Chapter 112, Florida Statutes, the Financial Disclosure Law. If applicable, would you be willing to file the required financial statement?**

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☒ Yes ☐ No

**Do you affirm that your personal and business (if applicable) affairs within Alachua County are in substantial compliance with all county regulatory and taxing authorities rules and regulations?**

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☒ Yes ☐ No

**Please Agree with the Following Statement**

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**Appointees to advisory board/committees are required to attend scheduled meetings as specified in the "Guidelines for Citizen Advisory Boards and Committees".**

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☒ I Agree

**Please Agree with the Following Statement**

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**I understand that this completed application is the property of Alachua County and I hereby certify that the statements made on this application are true and correct.**

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☒ I Agree

1717 SW 120th Terrace  
Gainesville, FL 32607  
Tel: (352) 415-5193  
Email: tmirti@mindspring.com

**Education** MS, Water Science/Hydrology, University of California Davis, 1990  
BA, Political Science/International Relations, University of  
Southern California, 1981

### Experience

04/2018 to 07/2021 **Suwannee River Water Management District** Live Oak, Florida  
*Deputy Executive Director - 40 hours/week*

Responsible for overseeing the management of 5 functional units at the District, including water resources research, data collection, land management, development of minimum flows and levels, and water supply planning, including supervision of 26 staff. Member of District senior management team responsible for development and implementation of District policies and procedures. Responsible for the development of management plans, system budgets, intergovernmental coordination, and grant management/oversight.

02/2016 to 04/2018 **Suwannee River Water Management District** Live Oak, Florida  
*Division Director, Water Resources - 40 hours/week*

Manager of comprehensive water quality monitoring and hydrologic networks centered on the Suwannee River basin in Florida, supervising 10 staff. Network operation involved contract management, data collection, retrieval, database management, analysis, and discharge monitoring. Primary staff person responsible for flood monitoring and warning, and coordination with other agencies in flood response activities. Participated in development and implementation of minimum flows and levels, water shortage plans, water use monitoring and springs research initiatives.

12/2014 to 02/2016 **Suwannee River Water Management District** Live Oak, Florida  
*Bureau Chief, Hydrologic Data Services - 40 hours/week*

Manager of hydrologic network of 250+ gages in 7,600 square mile area centered on the Suwannee River basin in Florida, supervising 6 staff. Responsible for all aspects of telemetered monitoring network, including design, acquisition, installation, operation and maintenance of 200 gaging stations. Network operation involved data collection, retrieval, database management, analysis, and discharge monitoring. Primary staff person responsible for flood monitoring and warning, and coordination with other agencies in flood response activities. Participated in development and implementation of minimum flows and levels, water shortage plan, water use monitoring and springs research initiatives.

09/2006 to 12/2014 **St. Johns River Water Management District** Palatka, Florida  
*Bureau Chief, Water Resource Information - 40 hours/week*

Manager of monitoring network of over 1,000 hydrometeorologic gages in a 10,000 square mile area of northeast Florida, including the St. Johns River Basin. Supervisor of 58 office and field personnel.

Bureau is responsible for all aspects of hydrogeologic, meteorologic, and water quality monitoring to support numerous District objectives including flood control, drought management, establishment of minimum flows and levels, ecosystem restoration, and water supply development and management. Approximately 75 percent of the hydrologic network reports in near-real time telemetry. Responsibilities also include data processing, statistical analysis and report dissemination, division budget development, and contract management. Participant in numerous interdisciplinary activities at the District and with cooperating agencies pertaining to integration of District databases, water management control structures, and emergency management.

**11/1995 to 09/2006 Suwannee River Water Management Dist.**      Live Oak, Florida  
*Hydrologist - 40 hours/week*

Manager of hydrologic network of 150+ gages in 7,600 square mile area centered on the Suwannee River basin in Florida. Responsible for all aspects of telemetered streamgaging network, including design, acquisition, installation, operation and maintenance of 75 gaging stations. Network operation involved data collection, retrieval, database management, analysis, and discharge monitoring. Responsibilities also included management of rainfall monitoring network of approximately 50 stations. Primary staff person responsible for flood monitoring and warning, and coordination with other agencies in flood response activities. Designed and implemented District-wide real-time automated rainfall and river level monitoring network and spearheaded internet publication of data. Participated in development and implementation of minimum flows and levels, water shortage plan, water use monitoring and springs research initiatives.

**08/1993 to 07/2021 Rosie's Organic Farm**      Gainesville, Florida  
*Co-owner -25-35 hours/week*

Co-owner and manager of 25-acre certified organic vegetable and flower farm in North Florida. Responsible for planning and implementing all on-farm production activities including land preparation, seeding and planting, crop maintenance, harvest and marketing. Products are marketed through a weekly subscription service (CSA), local farmers markets, wholesale, and to local businesses.

**09/1990 to 11/1995 KBN Engineering and Applied Sci, Inc.**      Gainesville, Florida  
*Senior Scientist - 40 hours/week*

Lead Scientist and Project Manager for multidisciplinary environmental assessments (EAs) of industrial and infrastructural development projects worldwide, including thermal power plants in India and the Dominican Republic and a water supply pipeline in Ukraine. Participated as a water resource specialist in EAs of numerous industrial facilities overseas and in permitting and licensing of many projects in the State of Florida, primarily in the electric power sector. Activities included the assessment of developmental impacts on local watersheds, riverine systems and coastal ecosystems and consequent management strategies. Marketed internationally-focused clients. Projects were performed for utilities, private corporations, and international lending institutions and were located in the southeastern United States and internationally, including India, China, Pakistan, Ukraine, Thailand, Dominican Republic, and Jamaica.

**07/1987 to 12/1988 Organization for Rehabilitation through Training**  
*Pump Specialist - 40 hours/week*      N'Djamena, Republic of Chad

Team member responsible for the introduction, testing and implementation of alternative methods of water lifting and pump technologies to the Lake Region of Chad for a USAID-funded project. Constructed and tested locally-produced lifting devices in field settings and developed infrastructure requirements for internal combustion-powered pumps. Trained farmers in pump operation and maintenance.

07/1983 to 06/1985 **CARE International**  
*Field Coordinator - 40 hours/week*

N'Djamena, Republic of Chad

Assisted in management of over 25 Food-For-Work Reconstruction projects throughout Chad employing over 20,000 workers for USAID-funded programs. Projects focused on the rehabilitation of 12 large-scale irrigation systems and the construction of municipal stormwater drainage systems in Chad's largest urban areas.

07/1981 to 07/1983 **United States Peace Corps**  
*Peace Corps Volunteer - 40 hours/week*

Diré, Republic of Mali

Assistant Project Manager on USAID-funded large-scale irrigation project in northern Mali utilizing 500 diesel-powered motorpumps. Developed infrastructure requirements for mechanized water lifters including pump maintenance and repair, training of farmers and mechanics, spare parts inventory, fuel logistics and fuel credit program.

## **Citizenship**

United States Citizen

## **Languages**

Fluent in English, French and Spanish. Basic language skills in Portuguese, Italian, Bambara (Mandé), and Chadian Arabic.

## **Publications**

Larson, E., T. Wilding, T. Mirti: Five Centuries of Groundwater Elevation in North-Central Florida, Proceedings of the 2018 Association of American Geographers Conference, held April 10-13, 2018 in New Orleans, LA.

Flinn, N., T. Wilding, E. Larson, T. Mirti: Developing Old-growth Longleaf Chronologies in a Subtropical Climate, Proceedings of the 2012 Association of American Geographers Conference, held February 24-25, 2012 in New York City, NY.

Crockett, K., J.B. Martin, H.D. Grissino-Mayer, E.R. Larson, and T.H. Mirti: Assessment of Tree Rings as a Hydrologic Record in a Humid Sub-Tropical Environment, Journal of the American Water Resources Association (JAWRA) Vol. 46 No. 5.

Williams, K., M. MacDonald, K. McPherson, and T. H. Mirti. 2007. Ecology of the coastal edge of hydric hammocks on the Gulf Coast of Florida. Chapter 10 in W.H. Conner, T. W. Doyle, and K. W. Krauss, eds. Ecology of Tidal Freshwater Swamps of the Southeastern United States, pp. 255-289. Springer Press.

Tootle, G., T. Mirti, T. Piechota, Technical Notes: Magnitude and Return Period of 2004 Hurricane Rainfall in Florida; Journal of Floodplain Management; Floodplain Management Association Vol. 5, No. 1; November 2005.

R. Garza and T. Mirti: Implementation of a River Level Forecast Site in the Suwannee River Basin, Florida, Proceedings of the 2003 Georgia Water Resources Conference, held April 23-24, 2003 at the University of Georgia, Athens. Kathryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens.

Mirti, T., W.W.Wallender, W.J. Chancellor, M.E. Grismer; Performance Characteristics of the Shaduf: A Manual Water-Lifting Device; Applied Engineering in Agriculture, VOL. 15 (3): 225-231, 1999.