



Rajasthan Association of Georgia, USA

Thirty-Sixth Literacy Committee Newsletter

Literacy Secretary: Rakhi Poonia (2020-21)

Learn how to become a hydrologist in Atlanta and in Georgia, USA?

Pictures in this weekly newsletter are assembled by Rakhi Poonia and Aaron Poonia.

I am posting this weekly literacy committee newsletter on RAJA official whatsapp group on Sunday, October 25, 2020 so that all RAJA members can read it with their entire family.

Attitude of gratitude:

I'd first like to thank my nominators Sunil Mathur sir, Aashu Bhai Sahab, Brij sir, Dinesh Raj sir, Sudhir Agarwal sir, Sankalp Mathur DevDarshan sir, Pravin Soni sir, Praveen Gattani Sir, Ashok sir, Hari Mundhra sir, Dinesh Raj sir, and Anand Rathi sir for giving me the chance to help RAJA youth in capacity of its Literacy Secretary 2020-21. I would like to acknowledge all RAJA people who gave me this opportunity.

Today's newsletter required extensive as well as intensive research and analysis on my part.

I researched that being a hydrologist in Atlanta and in Georgia is a white collar and high paying job.

Introduction

This newsletter answers questions like who is a hydrologist? What are his duties? How to become a hydrologist in Atlanta and in Georgia? What are degree requirements of a hydrologist in Atlanta and in Georgia? How much do they get paid?

Chapter 1

This newsletter answers questions like what is hydrology and who is a hydrologist?

I researched on Wikipedia and found that:

- a. “Hydrology is the scientific study of the movement, distribution, and management of water on Earth and other planets, including the water cycle, water resources, and environmental watershed sustainability.”
- b. “A practitioner of hydrology is called a hydrologist.”



Source: ed2go website.

Chapter 2

What is a typical day for a hydrologist?

I researched on owlguru website (2020) and found that:

a. “On a daily basis, Hydrologists coordinate and supervise the work of professional and technical staff, including research assistants, technologists, and technicians.”

b. “They study public water supply issues, including flood and drought risks, water quality, wastewater, and impacts on wetland habitats.”

A Day in the Life of a Hydrologist

Determine the nature and extent of contamination in groundwater

Prepare written reports and make oral presentations

Prepare various maps and figures, including: groundwater elevations, geologic structure, cross-sections, isopach, water quality, and other hydrogeologic data

Plan and collect surface water or groundwater and monitor data to support projects and programs

Median salary 80K

the balance

Source: balance careers website.

Chapter 3

How long does it take to become a hydrologist?

I researched on onlinecollege.org website and found that:

- a. “Hydrologists must have a master's degree in environmental science with an emphasis on hydrological courses.”
- b. “Those looking for a teaching or research position typically need a Ph. D.”
- c. “A master's degree program typically takes two to three years to complete after earning a four-year bachelor's degree.”



Source: youtube website.

Chapter 4

What are degree requirements of a hydrologist in Atlanta and in Georgia?

I researched on bls gov website (2020) and found that:

- a. “Hydrologists need at least a bachelor's degree, and some begin their careers with a master's degree.”
- b. “Applicants for advanced research and university faculty positions typically need a Ph.D.”

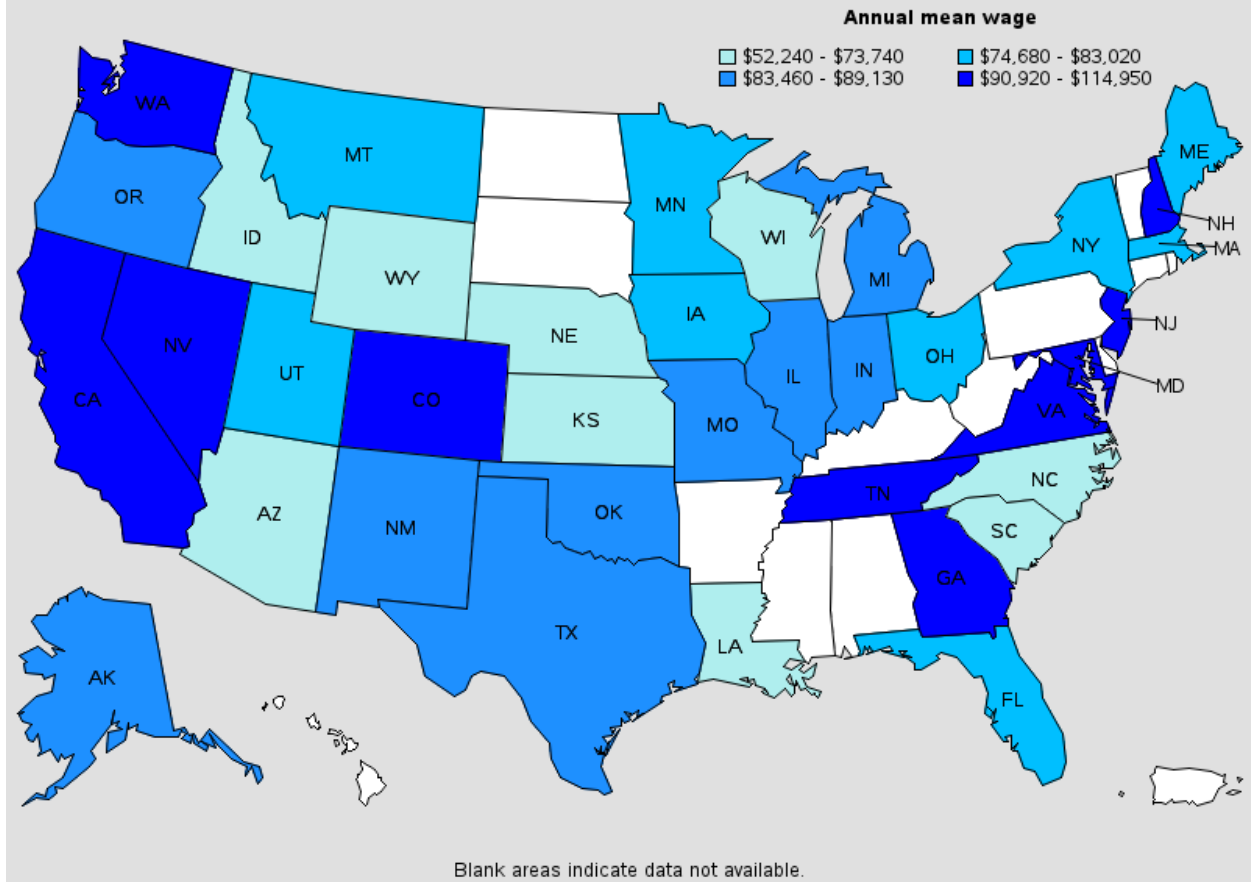
Chapter 5

How much do hydrologists get paid in Atlanta and in Georgia?

I researched on payscale website and found that:

“Average Hydrologist Salary in United States is \$59,892.”

Annual mean wage of hydrologists, by state, May 2019



Source: bls website.

Chapter 6

Which colleges to study in to become a hydrologist in Atlanta, Georgia, and in USA?

I researched on environment-colleges website and found the names of Georgia oceanography & hydrology schools. This list also includes names of hydrology colleges in the United States.

They are:

- a. "University of Georgia. Located in Athens, 4 oceanography & hydrology programs."
- b. "Savannah State University. Located in Savannah, 3 oceanography & hydrology programs."
- c. "University of Miami."
- d. "University of South Florida."
- e. "Florida State University."
- f. "Florida Institute of Technology."
- g. "Nova Southeastern University."
- h. "Rollins College."



Source: Georgia State University.

Chapter 7

Pictures of hydrologists at work.

Rakhi Poonia and Aaron Poonia have put together pictures of hydrologists in this coda. To give RAJA youth an idea of how hydrologists look and what kind of work they do.

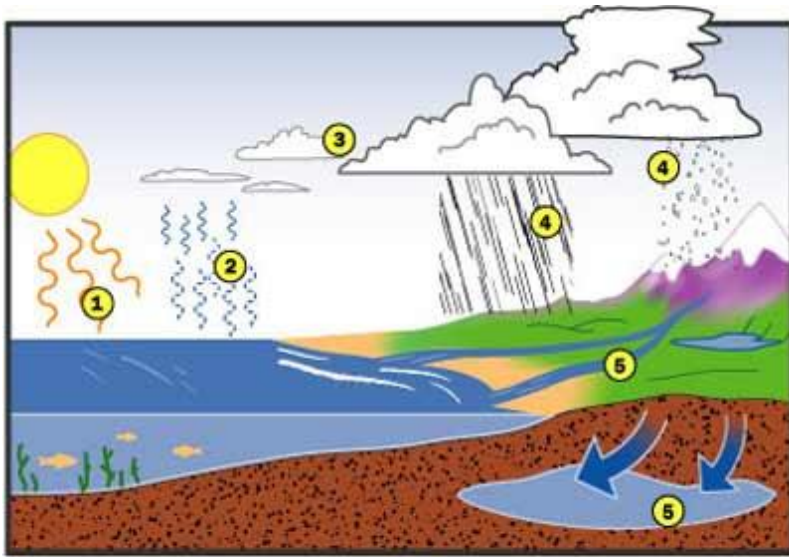


Source:

<https://www.doi.gov/careers/occupational-series/hydrology>
website.



Source: agcareers website.



① The sun heats the ocean.

② Ocean water evaporates and rises into the air.

③ The water vapor cools and condenses to become droplets, which form clouds.

④ If enough water condenses, the drops become heavy enough to fall to the ground as rain and snow.

⑤ Some rain collects in groundwells. The rest flows through rivers back into the ocean.

Source: <https://science.howstuffworks.com> website.



Source: <https://agexplorer.com/career/hydrologist> website.



Source: [https //sites google website.](https://sites.google.com/website/)



Source: <https://www.americangeosciences.org/education/k5geosource/careers/hydrologist> website.



Source: Facebook website.



Source: [https //www gooduniversitiesguide com au/careers-guide/hydrologist website](https://www.gooduniversitiesguide.com.au/careers-guide/hydrologist-website).



Source: [https //careerinstem /product/hydrologist/](https://careerinstem/product/hydrologist/).



Source: [cik-solutions /en/datalogger-monitoring-systems](https://www.cik-solutions.com/en/datalogger-monitoring-systems) website.

Conclusion

In conclusion, Hydrology is a science. All in all, it includes measuring and collecting water. In the end, it includes testing soil for measuring pollution levels et. al. In sum, I can say that hydrologists analyze the adverse effects of floods, soil erosion, water pollution on environment. In addition, they also provide solution to such problems. Last but not the least, hydrologists get paid very highly in Atlanta and in Georgia. Their job is important since it helps ameliorate the adverse effects of pollution on environment. Their job is interesting for those people who have interest in science and technology. Their job is a white-collar job.

REFERENCES

Average Hydrologist Salary. *Reference*. Retrieved from payscale website on October 16, 2020.

Hydrologist. What is a hydrologist? *Reference*. Retrieved on October 17, 2020 from [https //www americangeosciences org/education/k5geosource/careers/hydrologist](https://www.americangeosciences.org/education/k5geosource/careers/hydrologist) website.

Occupational Employment Statistics. *Reference*. Retrieved from [https //www bls gov/oes/current/oes192043 htm](https://www.bls.gov/oes/current/oes192043.htm) website on October 18, 2020.

About RAJA literacy secretary (2020-21):

Rakhi Poonia



Rakhi Poonia is literacy secretary of Rajasthan Association of Georgia 2020-21. She is a recipient of 2009 David Gould Scholarship sponsored by American Society for Public Administration. She is also a recipient of Pi Alpha Alpha (2006) for Public Service sponsored by Northern New Jersey chapter, USA.

She holds a Master's in history from University of Delhi (India) and Master's in Public Administration from University of Rajasthan, India.

Rakhi has also taught courses in Political Science at Rutgers the State University of New Jersey 2004-2008.

She has published 114 ebooks and hard copy books on amazon website as literacy secretary of RAJA. Her books cover a variety of subjects like business, children's books, public service books, and education books. Rakhi Poonia books are available on amazon website.

She lives in Atlanta, Georgia with her husband Engineer Anil Poonia and eight-year-old son Aaron Poonia. Aaron is an extraordinary child and a recipient of Star Galaxy award 2020 at Settles Bridge Elementary School. He always makes his parents proud.

Rakhi Poonia writes business books as literacy secretary of RAJA to generate employment among youth. To build human resource capital. To help small and medium sized businesses move forward and generate profits. To help those who want to dream big and work towards their goal. Every dream is achievable.

Rakhi Poonia writes children's books because children are our future. Child is father of man. To make a child smile is the biggest wealth. Children are gift of god. The way a society treats its children speaks volumes about that society.

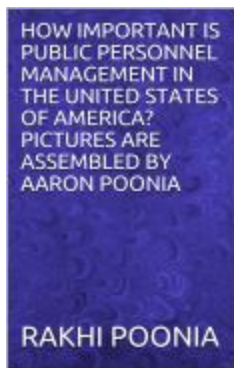
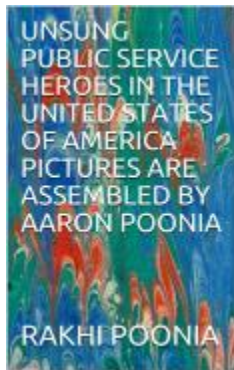
Rakhi Poonia writes public service books to instill value of public service amongst RAJA youth.

Rakhi Poonia writes education books to help RAJA youth attain their education goals.

To buy Rakhi Poonia books type Rakhi Poonia books in search section of amazon website.

Pictures in my books are assembled by 8-year-old Aaron Poonia.

5 New! books are added each week.



Social Equity
Quotes in the
United States
of America
Pictures are
assembled by
Aaron Poonia

Rakhi Poonia

PUBLIC
INTEGRITY IN
THE UNITED
STATES OF
AMERICA
PICTURES ARE
ASSEMBLED BY
AARON POONIA

RAKHI POONIA

POLICY DRIFT IN
THE UNITED
STATES OF
AMERICA
PICTURES ARE
ASSEMBLED BY
AARON POONIA

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HOW TO BECOME
A PLASTIC
SURGEON IN
ATLANTA AND IN
GEORGIA, USA?
PICTURES ARE
ASSEMBLED BY
AARON POONIA

RAKHI POONIA

RITA MAE KELLY
AND HER
CONTRIBUTION
TO PUBLIC
ADMINISTRATION
PICTURES ARE
ASSEMBLED BY
AARON POONIA

RAKHI POONIA

DEIL S. WRIGHT
AND HIS
CONTRIBUTION
TO PUBLIC
ADMINISTRATION
PICTURES ARE
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AARON POONIA

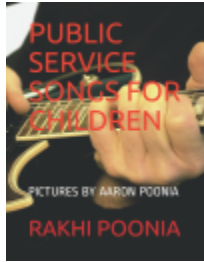
RAKHI POONIA

BENEFITS OF
BECOMING MEMBER
OF AMERICAN
POLITICAL SCIENCE
ASSOCIATION (PUBLIC
ADMINISTRATION)
SECTION
PICTURES ARE
ASSEMBLED BY
AARON POONIA

RAKHI POONIA

HOW TO
BECOME AN
ASTRONOMER
IN ATLANTA AND
IN GEORGIA?
PICTURES ARE
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AARON POONIA

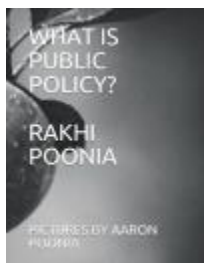
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PUBLIC SERVICE SONGS FOR CHILDREN

By RAKHI POONIA

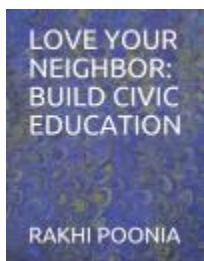
(New!)



WHAT IS PUBLIC POLICY?

By RAKHI POONIA

(New!)



LOVE YOUR NEIGHBOR: BUILD CIVIC EDUCATION

By RAKHI POONIA

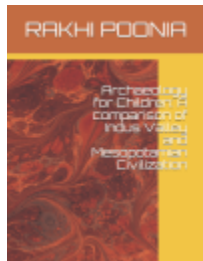
(New!)



CLEANLINESS IS NEXT TO GODLINESS

By RAKHI POONIA

New!



Archaeology for Children: A comparison of Indus Valley and Indus Valley Civilization

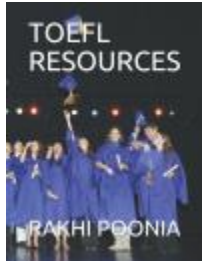
By RAKHI POONIA

New!

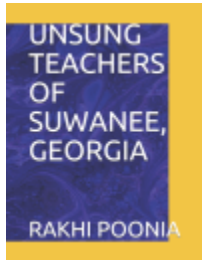
Education book 1



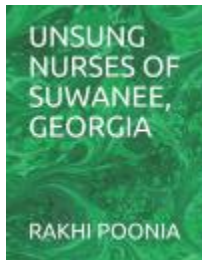
Education book 2



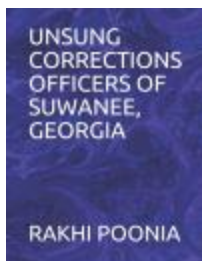
Public service book 1

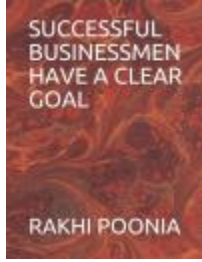


Public service book 2



Public service book 3





Rakhi Poonia is a recipient of percentile 96 in GRE test verbal section USA after having studied 3,800 words in English, 13 GRE books, and every test on ETS website.

Hence, she has written her book GRE RESOURCES on amazon website to help RAJA youth get admission in a dream university of their choice.



I took this picture from flipkart website.