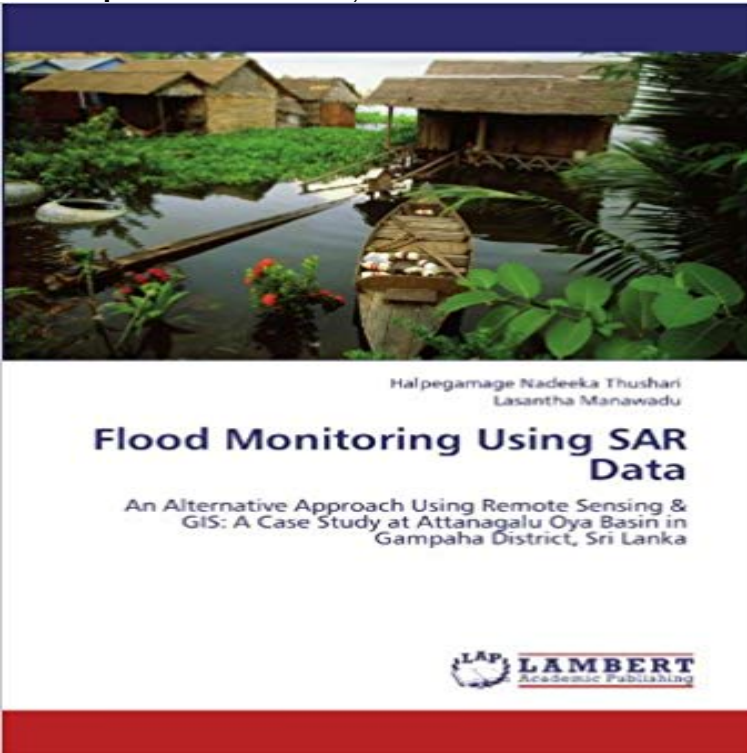


Flood Monitoring Using SAR Data: An Alternative Approach Using Remote Sensing & GIS: A Case Study at Attanagalu Oya Basin in Gampaha District, Sri Lanka



Remote sensing methods based on optical and medium resolution imagery are limited in their applicability. Although the classification and object extraction is difficult because of the imaging mechanism is quite different from multispectral images, Radar Images find special application in the flood monitoring due to the properties of all-weather, day-and-night and capability of cloud-piercing. The PALSAR data can easily to detect the water surface because of its wave length. This report presents a comprehensive methodology, based on Discrete Wavelet Transform analysis for flooded area identification & shows the effectiveness and efficiency of the developed method. The analysis results were timely provided to the central and local governments to make decision for flood disaster reduction. These analysis techniques will help to shed light on these new and existing RS and GIS technologies. Therefore, this study will be especially useful to students and it would guide the city developers, planners, and decision makers how best the remote sensing technology could be used in detecting and monitoring flood.

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BAYS LEAVING CARE SERVICE

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Lots of the topics covered in this website are part of independent living skills and you may be surprised by how much is involved in looking after yourself. You don't have to be completely on your own and if you are finding things difficult you should always have someone to turn to for help. This does not [...]

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USEFUL DOCUMENTS

There are a number of documents that you will need to have as you live more independently. BIRTH CERTIFICATE You need your birth certificate as proof of identity and you will need it to get other documents such as a passport. Social Services may have a copy of your birth certificate that they are [...]

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HEALTH

It is your social worker or young personal advisor's job to make sure you are registered with a doctor (also called GP) and a dentist. It is important not to leave registering with a GP until you need medical help. Keep the contact details for your doctor and out of hours contact number safe. DENTIST [...]

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HOUSING

This is perhaps one of the biggest things you have to sort out as you leave care and this is why there is lots of help and support available for you. The options available in your area may affect your choice of when you want to leave care. Unfortunately quite a large number of care [...]

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EDUCATION

SCHOOL You should already have a designated person in school who is there to help and support you. This could be a teacher or another person in the school. They are responsible for writing your Personal Educational Plan (PEP) and making sure everything happens. Your educational plan should help you to do the best [...]

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SOCIAL SERVICES AND PATHWAY PLAN

While you have been looked after you will have known some people whose job it is to help and support you. All young people in care have a social worker. It is a good idea to keep their details readily available just in case you need to contact them. You may also want to note the [...]

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RIGHTS, ENTITLEMENTS AND ADVOCACY

A right is a something that you can expect to receive. You don't have to earn it or win it. The rights and entitlements listed below are things that the government has committed to provide for you as a care leaver. This might be because there is an Act of Parliament or because they have [...]

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