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# Coastal erosion hazard assessment mapping along the coast of Kanyakumari district, South West India, using C++ language

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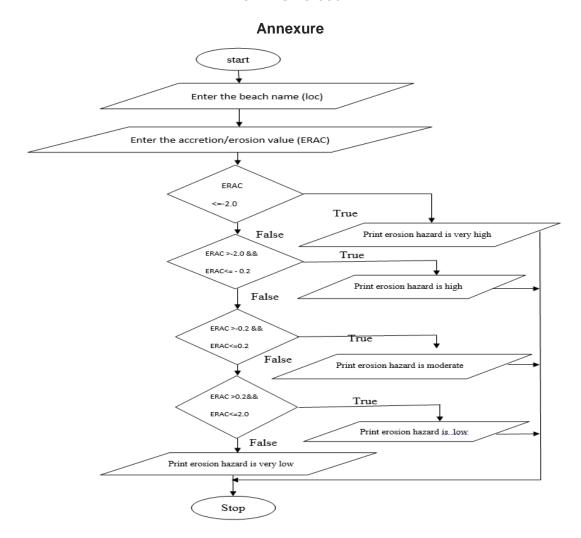


Figure 9: Flow chart to find the erosion hazard ranking of the area.

## C++ program to evaluate erosion hazard ranking of the area

```
#include <iostream.h>
#include <conio.h>
void main ()
{
char loc;
float ERAC;
clrscr();
cout<<"Enter the name of the beach"<<endl;
cout<<"Enter the value of Erosion/Accretion value in m/yr"<<endl;
cin>>ERAC;
if (ERAC<=-2.0)
cout<<"Location : "<<loc<<endl;</pre>
cout<<"The erosion hazard of the "<<loc << "is very high"<<endl;</pre>
}
else if (ERAC>-2.0 && <=-0.2)
{
cout<<"Location : "<<loc<<endl;</pre>
cout<<"The erosion hazard of the "<<loc << "is high"<<endl;
}
else if (ERAC>-0.2 && <=0.2)
cout<<"Location : "<<loc<<endl;</pre>
cout<<"The erosion hazard of the "<<loc << "is moderate"<<endl;</pre>
}
else if (ERAC>0.2 && <=2.0)
cout<<"Location : "<<loc<<endl;</pre>
cout << "The erosion hazard of the "<< loc << "is low" << endl;
}
else
cout<<"Location : "<<loc<<endl;</pre>
cout<<"The erosion hazard of the "<<loc << "is very low"<<endl;
getch();
}
```