

PROGRAM STUDI MAGISTER TEKNIK GEOMATIKA  
MASTER OF GEOMATICS ENGINEERING



# BUKU PEDOMAN MATA KULIAH *COURSES MODULE HANDBOOK*

SOSIO EKONOMI SPASIAL  
SPATIAL SOCIO-ECONOMIC

DEPARTEMEN TEKNIK GEOMATIKA  
Fakultas Teknik Sipil, Perencanaan, dan Kebumihan

*DEPARTMENT OF GEOMATICS ENGINEERING*  
*Faculty of Civil Engineering, Planning, and Geo Engineering*

INSTITUT TEKNOLOGI SEPULUH NOPEMBER





	<p>3. <i>Able to understand the definition of Geospatial, the scope of Geospatial Information related to Social.</i></p> <p>4. <i>Able to understand the Utilization of Geospatial Information in Various Fields.</i></p>																																																		
<p><b>CPMK dan hubungan dengan CPL Prodi</b>  <i>Learning outcomes and their corresponding to PLOs</i></p>	<table border="1" data-bbox="695 389 1283 618"> <thead> <tr> <th></th> <th>PLO.1</th> <th>PLO.2</th> <th>PLO.3</th> <th>PLO.4</th> <th>PLO.5</th> <th>PLO.6</th> <th>PLO.7</th> <th>PLO.8</th> <th>PLO.9</th> </tr> </thead> <tbody> <tr> <td>CLO.1</td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CLO.2</td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CLO.3</td> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CLO.4</td> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PLO.1	PLO.2	PLO.3	PLO.4	PLO.5	PLO.6	PLO.7	PLO.8	PLO.9	CLO.1			✓							CLO.2			✓							CLO.3					✓					CLO.4					✓				
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<p><b>Pokok Bahasan</b></p> <p><i>Content</i></p>	<ol style="list-style-type: none"> <li>1. Konsep dasar sosial ekonomi Tata ruang yang merupakan disiplin ilmu yang membahas tentang kejadian/fenomena lingkungan yang dipengaruhi oleh proses alam, bagaimana masyarakat menghasilkan organisasi dan memanfaatkan lingkungan, dan bagaimana kondisi masyarakat itu sendiri yang dipengaruhi oleh lingkungan dimana masyarakat itu berada</li> <li>2. Kontribusi sosial ekonomi Tata ruang adalah fokus pada ruang dan lingkungan sebagai prinsip dasar yang dipelajari.</li> <li>3. Sosio-ekonomi Negara-negara spasial harus memperhatikan objek utama yang menyangkut muka bumi daripada ruang abstrak; fokus pada aspek spasial kehidupan dan lingkungan dan hubungan timbal balik mereka. peka terhadap sumber daya, variasi dan distribusi di bumi.</li> </ol> <ol style="list-style-type: none"> <li>1. <i>The basic concept of socio-economic Spatial which is a discipline that discusses the events / phenomena of the environment that is influenced by natural processes, how society produces the organization and utilize the environment, and how the condition of society itself that is influenced by the environment where the society is located</i></li> <li>2. <i>The contribution of socio-economic Spatial is the focus on space and environment as the basic principles learned.</i></li> <li>3. <i>Socio-economic Spatial states must care about the main object concerning the face of the earth rather than abstract space; focus on the spatial aspects of life and the environment and their reciprocal relationships. sensitive to resources, variations and distribution on earth.</i></li> </ol>																																																		

<p><b>Pembelajaran dan Persyaratan Ujian</b> <i>Study and examination requirements and forms of examination</i></p>	<table border="1"> <thead> <tr> <th data-bbox="711 232 1275 311">Rencana Evaluasi</th> <th data-bbox="1275 232 1426 311">Bobot Weight</th> </tr> </thead> <tbody> <tr> <td data-bbox="711 311 1275 389">Kognitif - Tugas Cognitive - Assigment</td> <td data-bbox="1275 311 1426 389">20%</td> </tr> <tr> <td data-bbox="711 389 1275 470">Hasil proyek Team - based Project</td> <td data-bbox="1275 389 1426 470">20%</td> </tr> <tr> <td data-bbox="711 470 1275 548">Kognitif - UTS Caognitive - Midterm Exam</td> <td data-bbox="1275 470 1426 548">30%</td> </tr> <tr> <td data-bbox="711 548 1275 629">Kognitif - UAS Cognitive - Final Exam</td> <td data-bbox="1275 548 1426 629">30%</td> </tr> </tbody> </table>	Rencana Evaluasi	Bobot Weight	Kognitif - Tugas Cognitive - Assigment	20%	Hasil proyek Team - based Project	20%	Kognitif - UTS Caognitive - Midterm Exam	30%	Kognitif - UAS Cognitive - Final Exam	30%
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<p><b>Media yang digunakan</b> <i>Media employed</i></p>	<p>Classical teaching tools with whiteboard and powerpoint presentation</p>										
<p><b>Daftar Pustaka</b> <i>Reading list</i></p>	<p><b>Principal :</b></p> <ol style="list-style-type: none"> <li>1. Jensen, J.R, 1996, Introductory Digital Image Processing : a Remote Sensing Pervective, Prentice Hall Series in Geographic Information Scienese, Second Edition.</li> <li>2. Lillesand Kiefer, 1993, edisi Indonesia, Penginderaan Jauh dan Interpretasi Citra, John Willey and Sons/Gajah Mada University Press, Jogjakarta.</li> <li>3. Olsen, B.P. et al, 2003, Digital Change Detection For Map Database Update.</li> </ol> <p><b>Supplementary :</b></p> <ol style="list-style-type: none"> <li>1. Suharno, 2003, Peningkatan Kualitas Data dan Sistem Informasi Pajak Bumi dan Bangunan dalam Rangka Pelayanan Kepada Wajib Pajak, Materi Penyegaran Visi dan Misi Dit PBB (Jakarta, 20-12-2003) Direktorat Jenderal Pajak, Jakarta</li> <li>2. Suharno, 2003, Potret Perjalanan Pajak Bumi dan Bangunan, Direktorat Jenderal Pajak, Jakarta.</li> <li>3. Sunaryanto, 2003, Pemanfaatan Citra Ikonos untuk Revisi Peta Blok PBB, Thesis, UGM, Yogyakarta.</li> <li>4. Wolf, Paul R, 1993, edisi indonesia, Elemen Fotogrametri dengan Interpretasi Foto Udara dan Penginderaan Jauh, edisi kedua, Gajah Mada University Press, Yogyakarta.</li> <li>5. Rais, Jacub, dkk. Toponimi Indonesia-SejarahBudayaBangsa yang PanjangdariPermukimanManusia&amp;TertibAdministrasi. 2008. PradnyaParamita. Jakarta.</li> </ol>										