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Exploring the Nexus: Space Technology,
Social Perspectives, and Everyday Life Applications



MODULE I: Prospects for Harnessing Aerospace for Regional Development

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1. The Space Advantage

Key Benefits:

- Economic Growth: Job creation, local business opportunities
- Innovation Hub: Advances applicable across industries
- Education Boost: Opportunities for local talent



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2. Regional Opportunities

Collaborative Prospects:

- Research Centers: Establishing space-related institutions
- Education Programs: Training a skilled workforce
- Public-Private Partnerships: Encouraging joint ventures



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3. Social Perception

Addressing Concerns:

- Community Engagement: Involving locals in space initiatives
- Public Awareness: Communicating benefits and dispelling myths
- Inclusivity: Ensuring space advancements benefit all



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4. Community Impact

Improving Daily Life:

- Telecommunications: Enhanced connectivity
- Environmental Monitoring: Localized environmental solutions
- Disaster Management: Improved response capabilities



Pyrkosz-Pacyna, J., Cieślak, K., &
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Space Exploration Perception and
Engagement Intention Among STEM
University Students – Results from a
Mixed Method Study.

The New Educational Review, 69, 191–205.

