

Appendix 2

NJDOT Research Needs and Technology Transfer Activities Survey Instrument

NJDOT Research Needs and Technology Transfer Activities Survey

(untitled)

1. What organization do you work for? *

Motor Vehicle Commission
NJ Transit
NJTPA
SJTPO
DVRPC

2. What department, division, or bureau within your organization do you work for? *

3. What is your current job title? *

4. What are your primary responsibilities and activities?

5. How long have you been a full-time employee at the organization (years)?

*

6. How long have you been in your current position (years)? *

(untitled)

7. What are the top 1-3 priorities of your office or division currently? What is driving these priorities?

(untitled)

8. What do you see as current, emerging or long-term transportation issues, needs, and challenges that face your office or division?

	Current	Near term	Long term	Not relevant to my office or division
Changing transportation and communications technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme weather impacts, vulnerabilities and risks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Economic changes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation funding and finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cost to provide and maintain transportation infrastructure and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loss of institutional funding at my agency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal agency organizational issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problems with internal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

processes and procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intergovernmental relationships and partnerships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to gather and use data and information to make better decisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changing roles of public and private sectors in providing transportation infrastructure and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to recruit, retain and train workers with the knowledge, skills, and abilities to address the agency's needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aging, diverse, and growing populations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Global trade, migration, and economic security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to multimodal transportation options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy supply/demand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental stewardship	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="Enter another option"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="Enter another option"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Based on your responses to the previous question, please elaborate on what you think are the biggest issues, needs, and challenges for your agency to address.

(untitled)

10. Are you aware of activities under way at your peer agencies around the region and around the country that you think the Bureau of Research should be supporting at NJDOT through research and technology transfer?

Yes - Please describe

*

No

(untitled)

11. List the top 3 pilot tests, studies, analyses of innovative technologies, or initiatives of ideas that the Bureau of Research could be funding to help you implement new technologies, initiatives, or ideas.

1

2

3

12. Are there peer exchanges, webinars or other training events that the Bureau of Research could be supporting to explain the reasons for and benefits of an innovative technology, initiative, or idea?

(untitled)

13. Adjust the slider to indicate your agreement with the following statements:

Strongly Agree

Strongly Disagree

My division or office has the right people with the right skills to accomplish our goals.

My division or office has the right data, models, tools, and other technologies to help us do our daily job in a way that produces desired outcomes.

My division or office has well-defined and well-understood policies and processes in place to produce consistent results that help us achieve our goals.

14. If you answered "disagree" or "strongly disagree" for any of the above, what would help support your immediate day-to-day activities?

(untitled)

15. Adjust the slider to indicate your agreement with the following statements:

Strongly Agree

Strongly Disagree

My office or division has the information and knowledge needed to be effective and serve customers with excellence.

Knowledge is at risk of being lost in my office or division due to turnover.

Isolated workgroups or employees are not receiving available sources of information and knowledge.

16. If you answered "disagree" or "strongly disagree" to the first statement above:

What types of information or knowledge does your office or division currently not have that you think it should have, or will need to have to be effective and serve customers with excellence?

(untitled)

17. What information or knowledge would you like to have to do your job better?

(untitled)

18. Does the passage of the FAST Act or other legislation impact how you do business?

- Yes
- No

19. What areas of research are needed to help you respond to new legislation and/or regulations?

20. Please share any additional ideas for research topics and/or technology transfer activities that the NJDOT Bureau of Research could support to address the transportation needs of New Jersey.