

CONVERSATIONS UNLIMITED - Monday, May 19, 1986

INTRO UP AND UNDER

Hi, everybody. One week each May is set aside as National Science Week. We may be a bit late but Conversations Unlimited hopes you'll join us today as we observe Science Week by taking a good look at a special field in which a great deal of science is being done. We'll be talking with Dr. William Wise of the Marine Science Research Center at the State University of New York at Stony Brook.

Marine sciences include fish, of course. But if you think the field is limited to that, stay with us. We'll be talking about the use of the ocean as a garbage dump -- safely. We'll be talking about using the ocean to provide sources of energy, to provide food, to provide recreational opportunities. We're talking about biology and chemistry and engineering and other sciences. In fact, Dr. Wise, the field of marine sciences seems to embrace many academic disciplines.

INTERVIEW DR. WISE:

- Discuss combining uses of ocean:
 - * Sand mining: source of building material; excavating harbors to provide better navigation; cleaning ocean bottom.
 - * Refilling mine area with nuclear waste; garbage; reconstituted garbage (blocks)
- Discuss seaweed as a crop
 - * For food
 - * For methane gas
- Discuss applications of science to marine problems:
 - * Red tide
 - * Brown tide
 - * Tidal flooding of dunes

~~14:00~~

13:15

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14:00

We'll take a short break now. When we return, we'll be talking about specific new projects being prepared at the Marine Science Research Center at Stony Brook. Please stay with us.

BRIDGE MUSIC UP AND UNDER

Hi. I'm Al Oickle, and I'm at the State University of New York at Stony Brook with Dr. William Wise of the Marine Science Research Center. The Center has a number of exciting projects under way, Dr. Wise. I'm especially interested in the boat house planning. Tell us about that.

INTERVIEW DR. WISE:

- Relate boat house to Frank Roethel's blocks
- Identify potential uses of "clean ash"
- Discuss LIMRI
- Discuss relationship of Center to industry, government
- Discuss MSRC's role in academics
- List some of other research projects
- List some of career options for young people

~~29:00~~

OUTRO

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27:30