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**SUPPLEMENTARY INFORMATION:** The following represents the intellectual property to be licensed under the prospective agreement:

- United States Provisional Patent Application No. 60/485,658, filed July 8, 2003, titled "Diffusion Tensor and Q-Space MRI Specimen Characterization" [HHS Reference No. E-079-2003/0-US-01], status: expired;
- United States Provisional Patent Application No. 60/571,064, filed May 14, 2004, titled "Diffusion Tensor and Q-Space MRI Specimen Characterization" [HHS Reference No. E-079-2003/0-US-04], status: expired;
- United States Patent Application No. 10/888,917, filed July 8, 2004, titled "Diffusion Tensor and Q-Space MRI Specimen Characterization" [HHS Reference No. E-079-2003/0-US-02], status: issued as Patent No. 7,643,863;
- International Patent Application No. PCT/US2004/22027, July 8, 2004, titled "Diffusion Tensor and Q-Space MRI Specimen Characterization" [HHS Reference No. E-079-2003/0-PCT-03], status: expired; and
- United States Patent Application No. 12/114,713, filed May 2, 2008, titled "Non-Invasive in vivo MRI Axon Diameter Measurement Methods" [HHS Reference No. E-079-2003/1-US-01], status: issued as Patent No. 8,380,280.

With respect to persons who have an obligation to assign their right, title and interest to the Government of the United States of America, the patent rights in these inventions have been assigned to the Government of the United States of America.

The prospective Exclusive Patent License territory may be worldwide for the following field of use:

"Magnetic Resonance Imaging system and method for the measurement of geometric features of axons (including without limitation diameter, radius, perimeter, volume, surface and angle) for the characterization and diagnosis of Central Nervous System diseases and disorders."

A non-invasive, painless means for measuring axon diameter distribution (ADD) is disclosed in the intellectual property to be licensed, which has significance for imaging of the central nervous system, and for *in vivo* measurement of microanatomical (histological) features of nerves that are critically important in medicine, particularly, in neuroscience. ADD is

altered in abnormal development (possibly even in autism), in degenerative process (e.g., aging, alcoholism, Alzheimer's disease) and diseases such as ALS (Lou Gehrig's disease). The invention provides a painless way to measure microanatomical features previously measurable using invasive histological means requiring biopsy.

This notice is made in accordance with 35 U.S.C. 209 and 37 CFR part 404. The prospective Exclusive Patent License will be royalty bearing and may be granted unless within fifteen (15) days from the date of this published notice, the National Cancer Institute receives written evidence and argument that establishes that the grant of the license would not be consistent with the requirements of 35 U.S.C. 209 and 37 CFR part 404.

In response to this Notice, the public may file comments or objections. Comments and objections, other than those in the form of a completed license application, will not be treated confidentially, and may be made publicly available.

License applications submitted in response to this Notice must be complete and in acceptable form by the expiration date of this Notice to be considered for a license. License applications submitted in response to this Notice will be presumed to contain business confidential information and any release of information in these license applications will be made only as required and upon a request under the Freedom of Information Act, 5 U.S.C. 552.

Dated: March 7, 2018.

**Richard U. Rodriguez,**

*Associate Director, Technology Transfer Center, National Cancer Institute.*

[FR Doc. 2018-05311 Filed 3-15-18; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HOMELAND SECURITY

### Federal Emergency Management Agency

[Docket ID FEMA-2018-0002; Internal Agency Docket No. FEMA-B-1812]

### Changes in Flood Hazard Determinations

**AGENCY:** Federal Emergency Management Agency, DHS.

**ACTION:** Notice.

**SUMMARY:** This notice lists communities where the addition or modification of Base Flood Elevations (BFEs), base flood

depths, Special Flood Hazard Area (SFHA) boundaries or zone designations, or the regulatory floodway (hereinafter referred to as flood hazard determinations), as shown on the Flood Insurance Rate Maps (FIRMs), and where applicable, in the supporting Flood Insurance Study (FIS) reports, prepared by the Federal Emergency Management Agency (FEMA) for each community, is appropriate because of new scientific or technical data. The FIRM, and where applicable, portions of the FIS report, have been revised to reflect these flood hazard determinations through issuance of a Letter of Map Revision (LOMR). The LOMR will be used by insurance agents and others to calculate appropriate flood insurance premium rates for new buildings and the contents of those buildings. For rating purposes, the currently effective community number is shown in the table below and must be used for all new policies and renewals.

**DATES:** These flood hazard determinations will be finalized on the dates listed in the table below and revise the FIRM panels and FIS report in effect prior to this determination for the listed communities.

From the date of the second publication of notification of these changes in a newspaper of local circulation, any person has 90 days in which to request through the community that the Deputy Associate Administrator for Insurance and Mitigation reconsider the changes. The flood hazard determination information may be changed during the 90-day period.

**ADDRESSES:** The affected communities are listed in the table below. Revised flood hazard information for each community is available for inspection at both the online location and the respective community map repository address listed in the table below. Additionally, the current effective FIRM and FIS report for each community are accessible online through the FEMA Map Service Center at <https://msc.fema.gov> for comparison.

Submit comments and/or appeals to the Chief Executive Officer of the community as listed in the table below. **FOR FURTHER INFORMATION CONTACT:** Rick Sacbabit, Chief, Engineering Services Branch, Federal Insurance and Mitigation Administration, FEMA, 400 C Street SW, Washington, DC 20472, (202) 646-7659, or (email) [patrick.sacbabit@fema.dhs.gov](mailto:patrick.sacbabit@fema.dhs.gov); or visit the FEMA Map Information eXchange (FMIX) online at [https://www.floodmaps.fema.gov/fhm/fmx\\_main.html](https://www.floodmaps.fema.gov/fhm/fmx_main.html).

**SUPPLEMENTARY INFORMATION:** The specific flood hazard determinations are not described for each community in this notice. However, the online location and local community map repository address where the flood hazard determination information is available for inspection is provided.

Any request for reconsideration of flood hazard determinations must be submitted to the Chief Executive Officer of the community as listed in the table below.

The modifications are made pursuant to section 201 of the Flood Disaster Protection Act of 1973, 42 U.S.C. 4105, and are in accordance with the National Flood Insurance Act of 1968, 42 U.S.C. 4001 *et seq.*, and with 44 CFR part 65.

The FIRM and FIS report are the basis of the floodplain management measures

that the community is required either to adopt or to show evidence of having in effect in order to qualify or remain qualified for participation in the National Flood Insurance Program (NFIP).

These flood hazard determinations, together with the floodplain management criteria required by 44 CFR 60.3, are the minimum that are required. They should not be construed to mean that the community must change any existing ordinances that are more stringent in their floodplain management requirements. The community may at any time enact stricter requirements of its own or pursuant to policies established by other Federal, State, or regional entities. The flood hazard determinations are in accordance with 44 CFR 65.4.

The affected communities are listed in the following table. Flood hazard determination information for each community is available for inspection at both the online location and the respective community map repository address listed in the table below.

Additionally, the current effective FIRM and FIS report for each community are accessible online through the FEMA Map Service Center at <https://msc.fema.gov> for comparison.

(Catalog of Federal Domestic Assistance No. 97.022, "Flood Insurance.")

Dated: March 1, 2018.

**Roy E. Wright,**

*Deputy Associate Administrator for Insurance and Mitigation, Department of Homeland Security, Federal Emergency Management Agency.*

State and county	Location and case No.	Chief executive officer of community	Community map repository	Online location of letter of map revision	Date of modification	Community No.
California:						
Riverside .....	City of Corona (17-09-2752P).	The Honorable Karen Spiegel Mayor, City of Corona, 400 South Vicentia Avenue Corona, CA 92882.	City Hall 400 South Vicentia Avenue, Corona, CA 92882.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 14, 2018 .....	060250
Riverside .....	Unincorporated Areas of Riverside County (17-09-2752P).	The Honorable Chuck Washington Chairman, Board of Supervisors Riverside County, 4080 Lemon Street 5th Floor, Riverside, CA 92501.	Riverside County Flood Control and Water Conservation District, 1995 Market Street, Riverside, CA 92501.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 14, 2018 .....	060245
Hawaii: Honolulu ...	City and County of Honolulu (18-09-0118P).	The Honorable Kirk Caldwell Mayor, City and County of Honolulu, 530 South King Street, Room 306, Honolulu, HI 96813.	Department of Planning and Permitting, 650 South King Street, Honolulu, HI 96813.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	May 29, 2018 .....	150001
Idaho:						
Ada .....	City of Kuna (17-10-1636P).	The Honorable Joe Stear Mayor, City of Kuna, P.O. Box 13, Kuna, ID 83634.	City Hall 329 West 3rd Street, Kuna, ID 83634.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 7, 2018 .....	160174
Ada .....	Unincorporated Areas of Ada County (17-10-1636P).	The Honorable David L. Case Chairman, Ada County Board of Commissioners, 200 West Front Street, 3rd Floor, Boise, ID 83702.	Ada County Courthouse, 200 West Front Street, Boise, ID 83702.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 7, 2018 .....	160001
Ada .....	Unincorporated Areas of Ada County (18-10-0284X).	The Honorable David L. Case Chairman, Ada County Board of Commissioners, 200 West Front Street, 3rd Floor, Boise, ID 83702.	Ada County Courthouse, 200 West Front Street, Boise, ID 83702.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 8, 2018 .....	160001
Illinois:						
McHenry .....	Unincorporated Areas of McHenry County (18-05-2003P).	The Honorable Jack D. Franks Chairman, McHenry County Board County Government Center, 2200 North Seminary Avenue, Woodstock, IL 60098.	County Government Center, 2200 North Seminary Avenue, Woodstock, IL 60098.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	June 14, 2018 ....	170732
McHenry .....	Village of Port Barrington (18-05-2003P).	The Honorable Shannon Yeaton Village President, Village of Port Barrington, 69 South Circle Avenue Port, Barrington, IL 60010.	Village Hall, 69 South Circle Avenue Port, Barrington, IL 60010.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	June 14, 2018 ....	170478
Iowa: Bremer .....	City of Waverly (18-07-0164P).	The Honorable Charles D. Infelt Mayor, City of Waverly, 200 1st Street Northeast, Waverly, IA 50677.	City Hall 200 1st Street Northeast Waverly, IA 50677.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 1, 2018 .....	190030

State and county	Location and case No.	Chief executive officer of community	Community map repository	Online location of letter of map revision	Date of modification	Community No.
Kansas: Johnson ..	City of Olathe (17-07-2080P).	The Honorable Michael Copeland Mayor, City of Olathe, P.O. Box 768, Olathe, KS 66051.	City Hall Olathe Planning Office, 100 West Santa Fe Drive, Olathe, KS 66061.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 1, 2018 .....	200173
Minnesota: Anoka	City of Lino Lakes (17-05-5610P).	The Honorable Jeff Reinert Mayor, City of Lino Lakes, 600 Town Center Parkway Lino, Lakes, MN 55014.	City Hall, 600 Town Center Parkway Lino, Lakes, MN 55014.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	May 30, 2018 .....	270015
Missouri: Christian	City of Nixa (17-07-1573P).	The Honorable Brian E. Steele Mayor, City of Nixa, 715 West Mount Vernon Street, Nixa, MO 65714.	City Hall, 715 West Mount Vernon Street, Nixa, MO 65714.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	May 10, 2018 .....	290078
Nevada: Douglas ..	Unincorporated Areas of Douglas County (17-09-2481P).	The Honorable Barry Penzel Chairman, Board of Commissioners Douglas County, P.O. Box 218, Minden, NV 89423.	Douglas County Community Development, 1594 Esmeralda Avenue, Minden, NV 89423.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	Jun. 7, 2018 .....	320008
Oregon: Marion .....	City of Salem (17-10-1422P).	The Honorable Chuck M. Bennett Mayor, City of Salem City Hall, 555 Liberty Street Southeast, Room 220, Salem, OR 97301.	Public Works Department, 555 Liberty Street Southeast, Room 325, Salem, OR 97301.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	May 29, 2018 .....	410167
Marion .....	Unincorporated Areas of Marion County (17-10-1422P).	Mr. Sam Brentano Commissioner Marion County, 555 Court Street Northeast, Suite 5232, Salem, OR 97309.	Marion County Department of Planning, 315 Lancaster Drive Northeast, Salem, OR 97305.	<a href="https://msc.fema.gov/portal/advanceSearch">https://msc.fema.gov/portal/advanceSearch</a> .	May 29, 2018 .....	410154

[FR Doc. 2018-05416 Filed 3-15-18; 8:45 am]  
 BILLING CODE 9110-12-P

**DEPARTMENT OF HOMELAND SECURITY**

**Federal Emergency Management Agency**

[Docket ID FEMA-2018-0002; Internal Agency Docket No. FEMA-B-1808]

**Proposed Flood Hazard Determinations**

**AGENCY:** Federal Emergency Management Agency, DHS.  
**ACTION:** Notice.

**SUMMARY:** Comments are requested on proposed flood hazard determinations, which may include additions or modifications of any Base Flood Elevation (BFE), base flood depth, Special Flood Hazard Area (SFHA) boundary or zone designation, or regulatory floodway on the Flood Insurance Rate Maps (FIRMs), and where applicable, in the supporting Flood Insurance Study (FIS) reports for the communities listed in the table below. The purpose of this notice is to seek general information and comment regarding the preliminary FIRM, and where applicable, the FIS report that the Federal Emergency Management Agency (FEMA) has provided to the affected communities. The FIRM and FIS report are the basis of the floodplain

management measures that the community is required either to adopt or to show evidence of having in effect in order to qualify or remain qualified for participation in the National Flood Insurance Program (NFIP). In addition, the FIRM and FIS report, once effective, will be used by insurance agents and others to calculate appropriate flood insurance premium rates for new buildings and the contents of those buildings.

**DATES:** Comments are to be submitted on or before June 14, 2018.

**ADDRESSES:** The Preliminary FIRM, and where applicable, the FIS report for each community are available for inspection at both the online location <https://www.fema.gov/preliminaryfloodhazarddata> and the respective Community Map Repository address listed in the tables below. Additionally, the current effective FIRM and FIS report for each community are accessible online through the FEMA Map Service Center at <https://msc.fema.gov> for comparison.

You may submit comments, identified by Docket No. FEMA-B-1808, to Rick Sacbibit, Chief, Engineering Services Branch, Federal Insurance and Mitigation Administration, FEMA, 400 C Street SW, Washington, DC 20472, (202) 646-7659, or (email) [patrick.sacbibit@fema.dhs.gov](mailto:patrick.sacbibit@fema.dhs.gov).

**FOR FURTHER INFORMATION CONTACT:** Rick Sacbibit, Chief, Engineering Services

Branch, Federal Insurance and Mitigation Administration, FEMA, 400 C Street SW, Washington, DC 20472, (202) 646-7659, or (email) [patrick.sacbibit@fema.dhs.gov](mailto:patrick.sacbibit@fema.dhs.gov); or visit the FEMA Map Information eXchange (FMIX) online at [https://www.floodmaps.fema.gov/fhm/fmx\\_main.html](https://www.floodmaps.fema.gov/fhm/fmx_main.html).

**SUPPLEMENTARY INFORMATION:** FEMA proposes to make flood hazard determinations for each community listed below, in accordance with section 110 of the Flood Disaster Protection Act of 1973, 42 U.S.C. 4104, and 44 CFR 67.4(a).

These proposed flood hazard determinations, together with the floodplain management criteria required by 44 CFR 60.3, are the minimum that are required. They should not be construed to mean that the community must change any existing ordinances that are more stringent in their floodplain management requirements. The community may at any time enact stricter requirements of its own or pursuant to policies established by other Federal, State, or regional entities. These flood hazard determinations are used to meet the floodplain management requirements of the NFIP and also are used to calculate the appropriate flood insurance premium rates for new buildings built after the FIRM and FIS report become effective.

The communities affected by the flood hazard determinations are